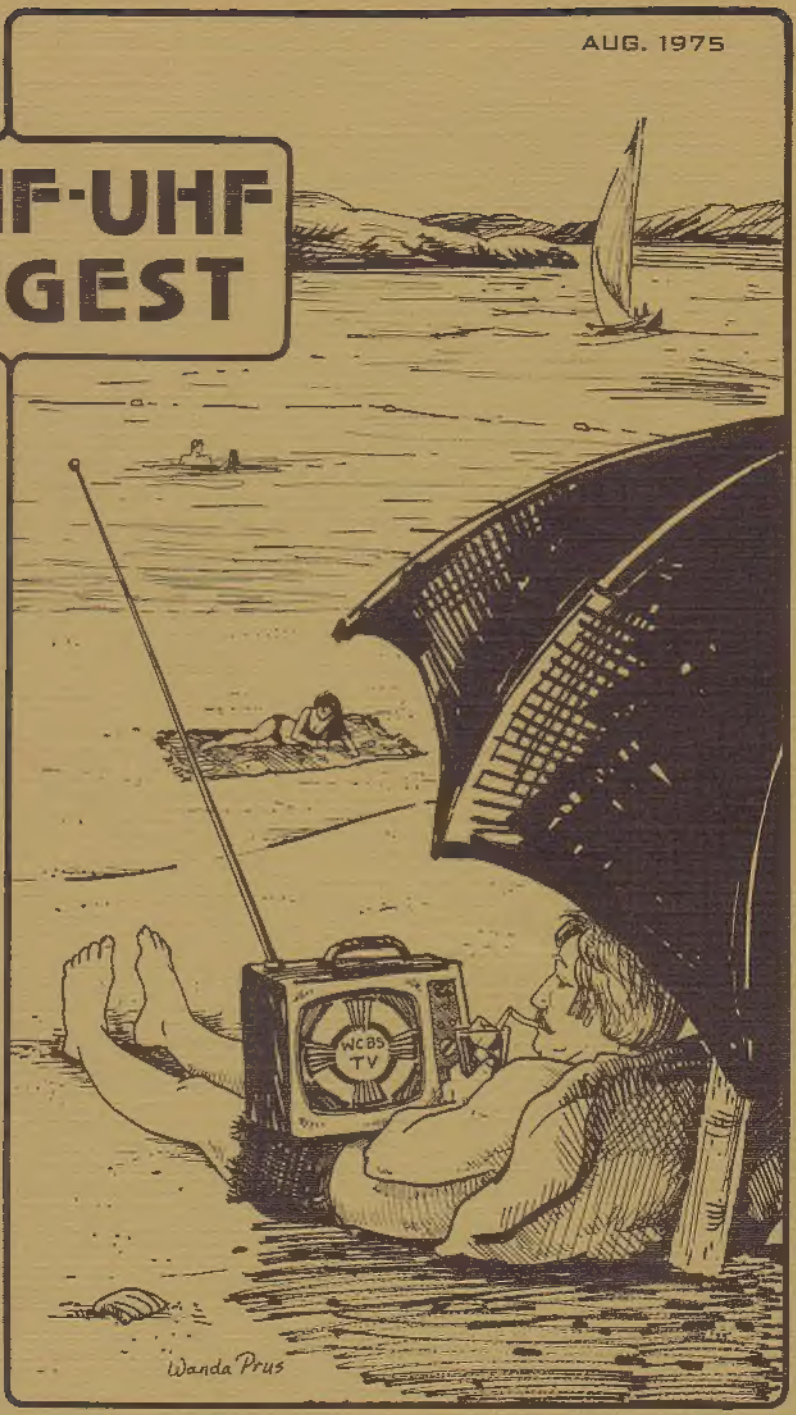
AUG. 1975

VHF-UHF DIGEST



publisher's notes...

WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA

SUPER SKIP...while the fellow on this month's cover was at the beach watching channel two E-skip, little did he realize what was happening on high-band. Glenn Hauser, DXing from Enid, OK wasn't at the beach on June 30...after a tentative double-hop from Venezeula at noon things started to fade out. Glenn took a break and decided to check things again around 1600. In the next hour and a half some history was made as he proceeded to log definite ID's from WJCT-7, WFLA-8, WJHG-7, WPTV-9, and WTVT-13, along with tentatives of WVAN-9 and WFSU-11. Want to see what high-band Es looks like? Check out this month's PHOTO-NEWS for what may be the first photos ever made of this rare phenomenon.

MORE HIGH BAND SKIP...Glenn wasn't the only DXer to report double-hop and high band Es in June. Bob Seybold of Dunkirk, NY caught WKAQ-2 (San Juan) and KOAM-7...both on June 16 (details on page 15).

NO WESTERN TV DX COLUMN...due to a cross-up in the mails, there is no WESTERN TV DX column this month. Incidently, our editor, Dennis Smith, indicates he would like to relinquish the column if someone else would like the job. If you are interested please contact Don Ruland, 4448 68th Pl., Kenosha, WI 53140. In the meantime Dennis will continue as Western TV DX editor, so forward all reports to him.

SPECIAL PROJECTS...on page 29 member Clarke Ingram outlines a fine project he is undertaking concerning test patterns. In addition, Ron LeBlanc, 2524 Arizona Dr., Marrero, LA 70072 is compiling a listing of TV ID logos (not test patterns). Please forward photos, drawings, ads, etc. of these logos (as actually used in programming) directly to him. Both Clarke and Ron are devoting many long hours of work for the club's benefit...help them out by taking a few minutes and postage to give them the materials they need.

NEW SOUTHERN FM DX EDITOR...while we failed to get a volunteer from the south (hello out there!), one did step forward from New England. Send all Southern (south of Mason-Dixon, east of the Mississippi) FM DX reports to: Charles Winters, 7 Parsons Dr., Beverly, MA 01915.

WTFDA MAILBOX

John Zondlo
6617 Maryland
Hammond, IN 46323

Greetings. Please note the new address above.....it'll be my permanent address until further notice. Now on to the new members:

Donald H. Allison	746 - 12th Ave. S.	Clinton, IA 52732
Richard S. Brundage	2440 E. 51st, C2	Tulsa, OK 74105
Arnold Donins	4499 Chandy N.E.	Grand Rapids, MI 49505
Douglas Downey	125 E. Tami Circle, Apt. 204	Westland, MI 48184
Richard W. Hill	3 Rugby Rd.	Binghamton, NY 13905
Robert Howard	W. Dubuque County Comm. School District	Farley, IA 52046
James E. Lawhead	825 Caddy Lane	Wichita, KS 67212
Donald Nelson	P.O. Box 201	Ravenna, OH 44266
Tim O'Malley	4660 Nix Dr.	Pittsburgh, PA 15236
Jack Powers	1819 N. Cambridge, Apt. 110	Milwaukee, WI 53202
Antonio Randaccio	381 Ouest, Rue Notre Dame, Suite 200	Montreal, PQ H2Y 1V2

Renewals: Richard Allen, Dr. R.B. Ammons, Dale Connoly, J.M. Driscoll, David J. Egan, W. Fitzgerald, Ricky Glasgow, D. Glowienka, Harry Hayes, Hank Holbrook, Lorne Larson, R.W. Lord, Dr. W. Massie, C. Edward Mauger, Fred McCormack, B. Menke, Jerry Pulice Bob Seybold, James F. Sokol, E.S. Strahan, J. Sullivan, Peter V. Taylor, Charles Winters, Robert Zent, John Zondlo (who?)

New Address: David J. Egan - 92 Joron - Valleyfield, PQ

New member DONALD H. ALLISON is employed at a steel fabricating plant and includes DXing and gardening among his interests. Primarily a TV DXer, Donald's equipment includes a Zenith Transoceanic 7000, a Telefunken AM-FM portable, and two Motorola TVs, one a B&W 9" portable and the other an 18" color portable.

RICHARD S. BRUNDAGE is a postal clerk who enjoys monitoring railroad calls with his Radio Shack pocket scanner.

Bruce Elving's FM Atlas is the place where RICHARD W. HILL found out about WTFDA. His gear includes a McIntosh MR-78 FM tuner, two stacked nine-element Channel Master FM yagis fifteen feet high and a rotor. Richard partakes of a rather expensive aspect of the hobby- calling many of the DX stations he hears.

The DX shack of JAMES E. LAWHEAD features a Hammarlund HQ140X, a Zenith TV, and a Panasonic FM. James is a machine operator who enjoys DXing all bands.

The FM setup of DONALD NELSON consists of a Kenwood 7001 tuner, a Sansui 777A amp, stacked Finny FM4's 31' above ground, and a C.D. 22 rotor. As far as TV goes, Donald has a Channel Master 1110 antenna 31' above ground topped off with an 8 bay stacked bow tie and an Alliance V-100 rotor. Donald is seeking advice on the types of filters that can be used in FM receivers.

Pittsburgh member TIM O'MALLEY learned of WTFDA through Clarke Ingram. Tim pursues DX with a Motorola 12" B&W TV, an RCA 19" color TV, and a Carnegie 2970 multi-band radio. Tim is a DJ for Baldwin High School's radio station "Zero Point".

WN9OOA, better known as JACK POWERS, DXes with a Nova Tech shortwave receiver, a Kenwood FM receiver and a Zenith TV with an outside UHF antenna.

ANTONIO RANDACCIO of Montreal is interested in 144 MHz DX, both QRP and QRO, as well as FM and TV DX. His equipment includes a Rhode Shwarz receiver and a Sony CRF 230. Antonio's call, by the way, is ilRBA.

Tidbits.....
Dave Egan recently installed a new antenna system at his new address. His equipment includes a 68' tower, a Zenith rotor #867-1005, a 7' Channel Master UHF dish #4251A, and two VHF "Jets".
San Francisco member Harvey B. Woodworth is interested primarily in TV-FM DX, but the current economic situation is hampering his efforts to upgrade his equipment. Harvey's gear includes two Zenith products, a Trans Oceanic for shortwave and a 17" B&W TV, both hooked into a Panasonic 7412 AM-FM multiplex tuner so that better audio from the receivers can be comfortably monitored through the stereo headphone jack on the Panasonic receiver. Until he can upgrade his FM-TV equipment, Harvey will be devoting his DX time to BCB and shortwave.
Rich Eddie of St. Louis would like to receive member's suggestions on the best types of outdoor FM antennas and rotors to buy. He would especially like comments on these items from members in high station density areas. Rich's address is 152 W. Rose, St. Louis, MO 63119. His equipment currently includes a Harman-Kardon 330A AM-FM receiver connected to Archer indoor FM rabbit ears and a Magnavox B&W portable.
BCB, TV and FM are the main areas of DX interest for East Chicago, Indiana, member Michael Hogan. Mike will complete his work for a B.A. in psychology from Calumet College in December. He will begin graduate studies in psychology in January. Mike's DX gear includes a Sears Silvertone AM-FM receiver and an Emerson TV.

For Sale: Antonio Randaccio (address listed with new members) is offering a cavity tune 74 MHz lo noise high-gain preamplifier. Please write to him for more information on price, etc.

Well, I guess that about wraps it up for another month. If you have anything to share with the members concerning receivers, new equipment, personal data, etc., please drop a line this way. See ya.....jz

---

MICROWAVE TV-DX?

As many TV-DXers may have noticed, there is now an increasing use of television at microwave frequencies (mostly in the 2500 MHz band). Applications include the following:

Private Channel TV -- Local transmission of educational, religous, and pay TV broadcasts. Pay TV broadcasts are scrambled.

Satellite down links- Signals from such high power satellites as ATS-6 and the Canadian ANUK penetrate many areas. More of similar design are sure to follow.

Broadcast links------ For studio to transmitter applications, or remote site to studio. Usually much higher in frequency and using very directive antennas.

All this points up to a possible new horizon for TV-DXers. Surprisingly, many microwave systems do not use highly directive antennas for transmission, and should be receivable over a wide area. One new microwave pay TV company is advertising a 35 mile range. Microwave signals are also affected by tropo and ducting however, making DX a real possibility. Unfortunately, many video microwave systems use FM modulation for video as well as audio, making it impractical to use a simple converter with a standard TV receiver. What is needed is a complete receiver which has a video output signal. In the past two years, the cost of semiconductors for microwaves has greatly been reduced. In theory, it sould be possible for a lowcost video microwave receiver to be constructed (either by a manufacturer or a scratch builder). The problem is finding a DXer with microwave experience that could make a prototype unit. Are they any microwave design engineers in the house?

Morrie Goldman

FCC TV NEWS — DATA

Dave Pomeroy
KTWU-Channel 11
Signal Hill
Topeka, Kansas
66604

August 1975

AUTHORIZED STARTS
KAKM-7 Anchorage, AK
103.5 kw vis. 22.9kw aur. 143 AAT

CP's GRANTED
Greensburg, PA (40) 1488kw 909AAT
*Akron, OH (49) 210kw 378AAT
*Ft. Dodge, IA (46) 561kw 1024AAT

APPLICATIONS
Allentown, PA (69) 18.25kw 898AAT

LICENSE DELETED
Baltimore, MD WUHF-TV

OFF THE AIR (Unofficial)
WSNL (67) Patchogue,NY (Melville)

NEW CALL LETTERS
KPSA-TV assigned to KGOJ Brownsville,TX
KVVU-TV assigned to KVVU Henderson,NV
KNXV-TV assigned to New Television Corp. Phoenix, Arizona Channel 15

TRANSLATORS GRANTED
KØ7NM Ft. Liscum Valdez Pipeline,AK
K12JU Pipeline Pump Station#3, AK
K12JV Pipeline Pump Station#12, AK
K12JW Pipeline Pump Station#3, AK
K12JX Pipeline Pump Station#10, AK
W56AM Falmouth, KY WKON-52
K62AL Roswell, NM KOAT-7
K58AH Ruidoso, NM KOAT-7
9-11-13 Dry Lake, WY KUTV/KCPX/KSL
8-10-12 Eden & Farson,WY Salt Lake
K76AK Defiance, AZ to ch. 55
K12JJ St. Michaels, AZ KOOL-10
K53AD Bethune,CO KOA-4
K55AX Bethune,CO KRMA-6
K57AM Bethune,CO KMGH-7
K59AP Bethune,CO KBTV-9
KØ7NL Juliaetta,ID KXLY-4
W58AE Elmira,NY WSKG-46
K68AJ Flagler,CO KOA-4
K56AO Flagler,CO KRMA-6
K67AQ Flagler,CO KMGH-7
K69AX Flagler,CO KBTV-9
W69AH Montour,NY WSKG-46
W67AG Owego,NY WSKG-46
W66AF Pine City,NY WSKG-46
W56AL Spencer,NY WSKG-46
W62AJ Waverly,NY WSKG-46
W66AG Whitney Point WSKG-46
K56AN Ellensburg,WA KSPS-7
K13NK Omak, WA KSPS-7
K69AY Tunk Valley,WA KSPS-7
K66AO Steamboat Canyon,AZ KNME-5
K13NJ Topaz Lake,CA KVIE-6
KØ8IK Terry,MT KTVQ-2
KO8IJ Gallup, NM KOAT-7

TRANSLATORS GRANTED(continued)
W69AG Berkshire,NY WSKG-46
W57AF Johnson City, NY WSKG-46
W56AK Chambers, NY WSKG-46
W56AJ East Corning, NY WSKG-46
W62AI Harpursville, NY WSKG-46
W66AE Hawleyton, NY WSKG-46
W49AD Carrollton, GA WJSP-28
W52AA Carnesville, GA WCLP-18
W60AE Ellerton, GA WCES-20
W68AF Toccoa, GA WCLP-18
W50AB Hiavasse, GA WCLP-18
W69AW Willmar, MN KTCA-2
K11MP White Sulphur Springs, MT
K13NI White Sulphur Springs, MT
K12JS Independence Valley, NV KIVI-6
W60AF Malone, NY WEZF-22
KØ8II Boulder, UT KUTV-2
K1ØJG Boulder, UT KCPX-4
K12JR Boulder, UT KSL-5

TRANSLATORS DELETED
K72AG John Day, OR
K77AC John Day, OR
KØ6FM Wheatland, WY
K59AE Fresno, CA

OTHER ITEMS
KEET-13 Eureka, CA (PBS) is in danger of going off air due to lack of funds...CPB has given grants to start stations (PTV) in El Paso,TX and St. Cloud, MN...Five million watt WAPB-22 Annapolis,MD should be operational at this time...WCFB-45, in Miami is only on weekdays from 10-noon, 6-8 and this tends to vary...FCC has approved dual language for all local television stations in Puerto Rico up to 15 hours per week--soundtrack for second language on specified FM station...WOI-5 (Ames,IA) celebrated 25th anniversary on February 21...KSYS-8 Medford,OR will be non-commercial...KVDO-3 Salem,OR was offered to Oregon's community colleges, is now to be bought by state for PTV...Off in LaGrande,OR is KTVR-13, now considered for PTV use...Oakland,MD could be site of next Maryland PTV Network station--not Cumberland as planned...WETA-26 in Washington has been denied temporary permission to operate experimentally on channel 12...WPCB call assigned to Pittsburgh,PA is for channel 22...WICD-15 Champaign,IL continues to have intermittent transmission problems...KDUB-40 Dubuque,IA may return to the air under reorganization.

Thanks this month to Scott Sampson, Morrie Goldman, Bruce Elving, Frank Aden,Jr., Ken Simon. Let me hear from you of any station activity in your area. Thanks for the help! dp

FCC FM NEWS

Bruce F. Elving, Editor
Box 24, Adolph MN 55701

New Construction Permits

AZ Phoenix *89.5 68 w; 1520' 16, 52 mi
FL Tallahassee 103.1 3000 h,v; 300' 15, 48
GA Douglas 99.5 51000 h,v; 200' 22, 71 mi
IL East Moline 101.3 50000 h,v; 500' 33, 80
IN Bedford 105.5 3000 h,v; 243' 13, 45 mr
MA Wellesley *91.5 10 Wellesley College
NY Brockport *90.5 10
OH Cleveland [State U.] *89.3 10
PA Du Bois 107.3 50000 h,v; 500' 33, 80 mi
TX Orange 106.1 100000 h,v; 909' 46, 96
TX San Antonio *91.5 142; 120' 4, 18 mi
TX Uvalde 95.3 3000 h,v; 125' 9, 39 rk
WA Neah Bay *90.1 10 Makah Indian Tribe
WV Parkersburg 95.1 50000 h,v; 500' initial decision; subject to reversal.

Deletion

OR Coquille 102.3 (no calls assigned)

Vertical Polarization Confirmed

—mostly by Tom Cornell who examined FM antennas with binoculars!
ID Jerome KFMA 92.7
KY Barbourville WYWY-FM 93.5
KY Middlesboro WMIK-FM 92.7
KY Lexington WBKY *91.3 [WBKY–WEKU share
KY Richmond WEKU *88.9 the same tower?
MS Newton WGOT 106.3
No vertical noted on WMIL 97.3 Wilmington NC; will check with FCC on.

On Air & DX Ready! [See top of next

CA Dinuba KLTA 98.9 1500 h,v; 2040' [31,80]
CO Canon City KRLN-FM 103.9 3000 h,v; -530'
CO Windsor KUAD-FM 99.1 100000 h,v; 660' r
CT Willimantic WXLS 98.3 3000 h,v; 300' w17
MI Caro WKYO-FM 104.9 3000 h,v; 300' m

On with Changes (Selected)

CA Sacramento KZAP 98.5 50000 h,v; 250'
KY Brandenburg WMMG 93.5 3000 h,v; 290' $
KY Lexington WVLK-FM 92.9 50000 h,v; 850'
MD Bethesda-Washington DC WJMD 94.7 17000 h,v; 780'; NC Roxboro WKRX 96.7 3000h,v; 300'; OK Chickasha KXXK 105.5 3000h,v;195'
TX Lubbock KMGO"-FM" 99.5 46000 h,v; 630'

Stations Off Frequency

IA Denison KDSN-FM 107.1 on 107.5
MN Fosston KEHG-FM 107.1 on 107.7
WI Park Falls WNBI-FM 98.3 on 97.7 (but emitting strong hum on 96.3)

Changes in Facilities

AL Auburn WEGL *91.1 300 (h); 190' 7, 20mi
AL Gadsden WQEN 103.7 100000 h,v; 1110' 51, 98mi; AR Little Rock KEZQ 94.1 100000 h,v; 770' 45, 94; AR Osceola KHFO 98.1 50000(h) 230' 25, 73; CA Coachella KVIM 93.7 adds v (50000; -155'); CA San Francisco KALW *91.7 2500 h,v; 1050' 23, 60; CA Santa Paula 96.7 87w; 1500' 15, 49 mi; CO Salida KVRH-FM 92.1 2950 h,v; -1120' (reduces ht., coverage)
FL Orlando WDBO-FM 92.3 80000 h,v; 1320'
IL Beardstown WRMS-FM 94.3 300' (3000h,v)
IA Estherville KILR-FM 95.9 2000 h,v (300')
KY Glasgow WGGC 95.1 40000h,v; 390' 28, 75
KY Owensboro WSTO 96.1 and Somerset WSEK 96.7 add vertical. MD Braddock Heights WMHI-FM 103.9 230 h,v; 910' 15, 47 miles
MA Worcester WICN *90.5 2000h,v; 370' 16, 47
MI Birmingham WHNE 94.7 10000h,v; 950' 33/[& 72 miles
MI Grand Rapids WGRD-FM 97.9 19000 h,v; 410' 26, 68 mi (reduces coverage)
MI Muskegon WMUS-FM 106.9 270' (71000h,v)
MI Southfield WSHJ*88.3 125 h,v; 43' 2, 13
MS Jackson WVLS *91.5 450h (delete v) 102'
MS Poplarville WRPM-FM 107.9 410' 100000hv
MT Helena KCAP-FM 103.1 -250' (3000 h,v)
NY Binghamton WHRW *90.5 -47' (1450) $, r
NY Buffalo WBEN-FM 102.5 adds v
NY Oswego WRVO *89.9 24000 h,v; 430' 27, 70
NC Raleigh WKNC *88.1 2900 h,v; 240' 14, 46
OH Bellefontaine WPKO 98.3 890 h,v; 510'
OH Columbus WOSU-FM *89.7 50000h,v; 470' 33, 80, Dolby. OH Fairfield WCNW-FM 94.9 50000 h,v; 490' 33, 80; OH Mansfield WCLW-FM 105.3 50000 h,v; 370' 30, 79 $ yet
OK Bethany KGOY 104.9 1800 h,v; 255' 14, 46 miles; drops $tereo? [31, 71 miles
OR Portland KBOO *90.7 800' (12500h, 1300v)
PA Lancaster WGAL-FM 101.3 14500h,v; 680'
PA Wilkes-Barre WRKC *88.5 -470' (440 h,v) [Correction of FM Atlas error.]
SC Greenville WMUU-FM 94.5 100000h,v 1200' 55, 100 mi; music on SCA subcarrier.
SC Laurens WLBG-FM 100.5 100000 h,v; 450'
SC Seneca WBFM 98.1 adds v
TN Chattanooga WMBW *88.9 adds v
TN Franklin WIZO-FM 100.1 2500 (h); 370' 15, 40, $m [on air with these facilities]
TN Memphis WLYX *89.3 2750 h,v; 195' 11, 42
WSMS *91.7 adds v (10 w)
UT Salt Lake City KSL-FM 100.3 reportedly directional north-south
VA Staunton WSGM 93.5 2100 h,v; 350' 15, 48
VA Woodbridge WXRA 105.9 50000 h, 36000 v (maximum), directional; 410' 26, 77 mi.
WI Milwaukee WNUW 99.1 50000 h,v; 450'
WVCY 107.7 38000 h,v; 443'

To Change Frequency

NY Jamestown WJRS"-FM" to 104.9, but will stay on 103.1 until 103.1 is applied for "in a nearby town." Power changed to 2000 (h); 360', 15, 47 miles.

Adding SCA, or SCA Confirmed

AL Anniston WHMA-FM 100.5 music
CO Breckenridge KLGT 102.3 ($, too)
CO Colorado Springs KRFM 96.5 music
KRYT-FM 101.9 music
CO Pueblo KYMN 98.9 music
CT Brookfield WINE-FM 95.1 Muzak/cott
FL Lakeland WWFM 94.1 music
GA Macon WCRY-FM 107.9
ID Boise KBBK 92.3 music
KBOI-FM 97.9 music
NY Endicott WMRV 105.5
NC Burlington WBAG 101.1 music
IN Indianapolis WTLC 105.7 Physician's Radio Network (PRN); LA Alexandria KSLI 96.9 music; LA New Orleans WQUE 93.3 music
LA West Monroe KYEA 98.3 music
TN Kingsport WKPT-FM 98.5 ABC
ME Presque Isle WWMP 95.9 music
MD Baltimore WLPL 92.3 music
MI Houghton WGGL *91.1 slow-scan TV, instructional audio starting in September
NM Los Alamos KRSN-FM 98.5 music
NC Concord WPEG 97.9 music; $ resumed
NC Greensboro WQMG 97.1 "; would like to power above present 20 kw, but can't because of "at least four adjacent channel problems." NC Morehead City WMBL-FM 95.9 music; & on main channel, supplaning m, ostensibly $tereo.
NC Raleigh WQDR 94.7 farm
WRAL 101.5 music
TX Beaumont KBPO 94.1
NC Wilmington WAAV 102.7 " music
OH Cincinnati WSAI-FM 94.1 PRN
PA Philadelphia WIOQ 102.1 PRN
PA Pittsburgh PRN (new station started in July here—which?)
TX Corpus Christi KSIX-FM 93.9 music/ [resumes $
TX Midland KNFM 92.3 Muzak
UT Salt Lake City KSOP-FM 104.3 music
VA Roanoke WPVR 94.9: one of the most interesting SCA's ever heard. Music, commercials, weather—relay of WFIR&WPVR

Quitting SCA, or no SCA heard

AL Albertville WQSB 105.1; AL Birmingham WQEZ 95.5 ("dropped as felt it interfered with main channel quality")
CO Denver KHOW-FM 95.7
KLIR 100.3 (metry only)
CO Ft. Collins KCOL-FM 107.9 (tele-/
FL Boca Raton WWOG 99.9 (telemetry only)
GA Jackson WJGA-FM 92.1 (formerly music)
ID Nampa-Boise KFXD-FM 94.9 (telemetry only; loggy IDs as "XD-FM")
LA Golden Meadow KLEB-FM 94.3, now $
LA Lafayette KPEL-FM 99.9 IE networks
MN Moorhead KMJM 96.7
TX Ft. Worth
NM Las Cruces KRWG *90.7 KSCS 96.3
SC Bamberg WWBD-FM 92.7
TX Lubbock
SC Georgetown WINH-FM 97.7 KLLL-FM 96.3
TN Collegedale WSMC *90.7
TN Nashville WLAC-FM 105.9 ("authorization given up without it ever being used"); TX Beaumont KTRM-FM 95.1
TX San Angelo KWLW 93.9
TX San Antonio KMFM 96.1, KTFM 102.7, KEXL 104.5 (tone only).

$tereo added or resumed

AL Decatur WDGM *91.7; CA Long Beach KLON *88.1; CO Oak Creek KFMU 103.9
IA Cedar Rapids KCCK *88.3 mainly c), relaying much programming from KHKE *89.5 Cedar Falls, now itself $, having moved from *88.1 (8000 h,v; 410')
MN Litchfield KLFD-FM 95.3 [times)
NM Humble City KPOE 94.1, m (mono at/
NC Wilmington WMFD-FM 100.9 m (very deficient in treble); no SCA.
SD Mitchell KMIT 102.3 & automated m
SD Sioux Falls KPAT 97.3 r
TN Manchester WMSR-FM 99.7 is $ after 5 pm, correcting report of last month.
TX Amarillo KACV *89.9; TX Columbus KULM 98.3 k; TX Ft. Stockton KPJH $m, 94.3. TX Midland KBAT 93.3, k
WA Lynden KLYN 106.5 (now rock?)
MEXICO Cd. Juarez XHEM 103.5 hard r EE?
TN Chattanooga WDOD-FM 96.5 is temporarily mono while $ generator is repaired. KCPR *91.3 San Luis Obispo CA pleading for funds to go $.

FCC-FM

On Air & DXable! [Continued]

MS Aberdeen WRAY 105.5 3000h,v;300' $
NY Brentwood WXBA *88.5 10 [k,v]
TX Harlingen KHBS 96.1 100000/460' $, m

Call Letters Assigned

AL Union Springs 104.9 WOSI LA Springhill
AZ Bisbee 92.1 KBAZ 92.7 KTKC
CA Sacramento 106.5 KWOD
CA Salinas 102.5 KBEZ (KSBW) now mr, $
CA San Luis Obispo 93.3 KZOZ (KSBY-FM)mr,$
CT Norwich 97.7 WCTY (WICH-FM)
FL Orlando 105.1 WBJW*-FM* (WBJW-FM)
IL Summit *88.9 WARS [English
NY New York 92.3 WKTU (WHOM-FM) rock, all/
TX Alice 92.1 KOSE WA Seattle 100.7
TX Pleasanton 98.3 KBOP-FM KSEA (KIRO-FM)

Formats/Networks

AL Birmingham WVOK-FM 99.5 to be rock. On a recent skip opening to SE states was a Hit Parade station on 99.5, which I thought was WVOK-FM. If not WVOK-FM, which?
AL Enterprise WKKX 106.7 r (not m) AP Audio
AL Florence WQLT 107.3 A, $, r
AL Mobile WKRG-FM 99.9 mr
AZ Tucson KUAT-FM *90.5 c; ABC-Information
CA San Diego KOZN 103.7 r (from k)
CA Santa Monica KCRW*89.9 mostly j; NPR
CO Durango KRSJ 100.5 (formerly KIUP-FM)k
DC Washington WKYS 93.9 r, $
FL Jupiter WRYZ-FM 96.7 m (from r), Mutual
FL Live Oak WQHL 98.1 l (from A)
GA Elberton WSGC-FM 92.1 uPI Audio,$, z
GA Statesboro WVGS *91.3 diversified: folk, jazz, rock, blues, classical
HI Honolulu 93.9 (new) to be rock
ID Burley KBAR-FM 98.3 l, $, m
ID Idaho Falls KID-FM 96.1 CBS, $, m
ID Twin Falls KMTW 96.5 mr (Hit Parade) $
IL Charleston WEIC-FM 97.1 gr (from kr)
IL Flora WHOI 103.9 k (from mg)[formation
IL Tuscola WITT 93.5 NN (NBC's news & in-
IN North Vernon WOCH-FM 106.1 kr
IA Seymour WJCD-FM 93.7 k; IN Terre Haute WVTS 100.7 r (from m); KS Pittsburg KBRJ 96.9 CBS,m,$. KS Scott City KFLA-FM 94.5 CP Audio, $, n; LA Hammond WFPR-FM 107.1 mr, $. MD Baltimore WBAL-FM 97.9 NN, drop c, $. MI O'Ivet WGCR *89.7 rock
MS New Ulm KNCU-FM 93.1 m (drops citely r
MN St. Peter KRBI-FM 105.5 k (from m)
MT Shelby 96.3 (new) mr
NH Laconia WLNH-FM 98.3 CBS (mr) [$stereo.
NJ New Brunswick WQHR 98.3 AP Audio,m,mr/
NJ Trenton WBJM 101.5 rs
NM Farmington KRAZ 96.9 r (from m), $
NY Garden City WLIR 92.7 r (from m), $
NY Ithaca WHCU-FM 97.3 cs, $
NY Montour Falls WXQY 104.3 r (from m), $
NY Poughkeepsie WSPK 104.7 r (from mc), carrying the Mutual network only.
NC Fairmont WXXY 100.9 k; $?
NC Greensboro WRQK 98.7 kr
NC Thomasville WTNC-FM 98.3 k
NC Washington WITN-FM 93.3 r (from m)
OH Cleveland WNCR 99.5 m (from k)
OK Poteau KLCO-FM 97.9 mr (from k)
PA Pittsburgh WYEP *91.5 mainly j
PA Shippensburg WSYC *88.7 c, j, r, folk
RI Westerly WERI-FM 103.7 mr
SC Charleston WPXI 95.1 s (from m), $
SC Columbia WWOK-FM 104.7 (from m)
SC West Columbia WSCQ 100.1 NN network
SD Brookings KESD *88.3 mainly r, $
SD Sioux Falls KIOV 104.7 l; tone on SCA
SD Vermillion KUSD-FM *89.7 c, $stereo
TN Bolivar WVST 96.7 k, l (ABC-information)
TN Smithville WJLE-FM 101.7 k [nights
TN Tullahoma WJIG-FM 93.3 $ m days; r /
TX Borger KBBB-FM 104.3 k
TX Clear Lake City KLYX 102.1 NN, drops $
TX Dallas KAFM 92.5 k (was r)
TX Wichita Falls KBID 92.9 ABC Enter'ment
UT Centerville KSIU 105.5 NN network
UT Vernal KVEL-FM 92.7 k, $
VA Portsmouth WNHS *88.7 r
WA Bellingham KERI 104.3 k (from mr)
WA Spokane KHQ-FM 98.5 NBC, rock
MEXICO Tijuana XHIS 90.3 Latin, $. Spanish XHOS 95.7 soul, English announcing; same format as XHIS had. $?
BERMUDA ZBM-FM 89.1 Hamilton rm (Hit Parade), $stereo

Network/Format Questions

FL Jacksonville WQIK-FM 99.1 k or r?
MS Biloxi 93.7 WQIO?k on main channel on a weekday morning; music on SCA. If not WQIO, pray tell who else?
OK Laston KRLG 98.1 now all k?
VA Williamsburg WRCI 96.5 Virginian Pilot (Norfolk) says affiliated with ABC, which which of the four ABC network services does WRCI usually carry?

MEMBERS' REPORTS AND COMMENTS

Exciting things are being done with computers, and I'm now better able to organize members' reports as they come in. Most of them are summarized above, leaving mainly miscellaneous remarks for this section. More about computers later, but now. . .

To receive WGGL's slow-scan TV picture it takes a $4,000 signal expander made by Colorado Video Corp.; the special FM-transmitted pictures will initially be picked up only by various CATV systems in upper Michigan and retransmitted. WWJ-FM 97.1 Detroit changes format somewhat to "music in touch with today." It is said to be Detroit's most popular FM and third among local AM and FM stations. WNUF 100.7 New Kensington PA continues playing big band records in $, although part of their record library was destroyed by a fire. WGMS-FM 103.5 Washington DC had a major fire, but most of records (classical) escaped destruction. WQXI-FM 94.1 Smyrna-Atlanta GA has a telemetry SCA sounding "like a pure tone with bird chirps superimposed on it, which is quite startling when heard for the first time." But not all SCA-telemetry stations have any distinctive signal, so I will continue to leave them out of the Atlas, but will be referring to them in the FCC-FM Column.

North Pole AK, where an FM's been applied for, is about 15 mi. SE Fairbanks, with the town of College (home of KUAC *104.7) four miles west. XHPL Ciudad Acuna still on old frequency (98.5; supposed to go to 99.7; all other Mexican stations are believed to have switched). However, on a recent skip outbreak XHPL alone among three Mexican-received stations announced with call letters; the others with slogans. It takes much more space to list slogans than calls, so I wish pressure could be put on these stations to use their call letters, too!

Cedar Rapids' KCCK"-FM" *88.3 is on the air 6 am to midnight 365 days a year. KOYE Laredo TX still on 92.7, not yet having increased power and moving to 94.9. KEHG-FM Fosston MN's manager not concerned when called and told the station is on 107.7, instead of 107.1, and who knows if even the FCC would move against them and the other off frequency offenders? One correspondent wonders if WQXA York PA and WKTK Baltimore (licensed Catonsville) MD have directional antennas, since he measured the distance between them as only 50 miles! Both are on 105.7. Mystery: "WLBE" heard by a FL reporter during a skip opening to Ohio, etc. area on 99.9 [the WLBE call's used to be in Leesburg FL, but who knows where the calls are now?

Paul Petosky, Munising MI, plans to apply for a translator to cover the town of Grand Marais MI; the WQXO 98.3 signal sails right over the town, but not down where the folks live.

WJPD-FM 92.3 Ishpeming MI not in stereo; they've had problems with their microwave to the transmitter, but are announcing (fradulently) as in stereo. KEZZ 94.3 Aitkin MN not in $ for now; giving legal id's for W269AA 101.7 Grand Rapids, KEZZ's translator.
KMFE 101.7 Emmett ID has Intermountain Network news at times. Working at a commercial station, Bill Frahm saw skip on the TV monitor at KBOI Boise. "The switcher and I spent most of the morning of June 22 DXing. He missed several commercial breaks while trying to ID what turned out to be WCCO-TV 4 and KSTP-TV 5 in MN. I made him super an ID on ch. 2 every 15 min. during the opening so it would be easy to ID!" WNWS 97.1 New York now all-news, NN.

NBC has now begun its new NN (News and Information Service), affiliating several stations who will agree to carry only news and talk programs, including several FM's, none of which are expected to continue stereo. All known NN FM affiliates have been listed in this section.

Andy Bolin, 709 Lincoln Ave., Charleston IL 61920, would like to hear from any "major" FM DXers interested in swapping taped copies of their best DX. He's now at 1475 FM stations heard!

Adding to information in the June VUD, WPRO-FM 92.3 Providence RI has been top-40 for a year now, $; while WWON-FM 106.3 Woonsocket RI is automated beautiful music, $. That writer wants me to make a distinction between so-called "beautiful music" and "middle-of-the-road" stations, both of which I classify as m. I don't care to, because the difference is more in the nature of presentation rather than between the types of music. The b station may have less announcing and more instrumentals, while the mor station may have announcing after every record, and have somewhat more vocals, but the difference as I see it is one of emphasis, not one of kind. Expected on the air this fall is WOTB 107.1 Middletown RI, $. WKRG-FM 99.9 Mobile AL is Hit Parade, $, carrying the CBS Mystery Theatre nightly at 7:05, Garner Ted Armstrong at 8:05. ABC-FM news usually, but CBS news late at night. On air or testing: KALU *90.7 Langston OK 10 watts heard.

KQRS-FM 92.5 Golden Valley MN conducts its special test with frequent id's after 1 a. m. CDT August 12 to coincide with the annual Perseids meteor scatter occurrence. Trops may also be in. Send reports to Terry A. Stripsky, chief engineer, ZIP 55422. KXTC 92.3 Glendale AZ Latin jazz Sunday nights 10 to 2; their normal format is m. WQSR 102.5 Sarasota FL is lead for Tampa-St. Petersburg among adults 18-34 among all AM and FM stations, says Pulse and ARB.

Now, a word from your friendly computer service. FM data cards are now keypunched for all stations on the air and authorized in the US and Canada, as well as FM station applications! If you want the very latest information (updated to the day it is sent out) and more complete than in the Atlas (giving coverages, for example, to the 1000 and 50 microvolt/meter contours), then you might want a computer list for your state or region. These low rates are for WTFDA members, and are good through August 31. Entire deck (U. S. on air and authorized), about 4000 cards: $8 + $1 postage. One state or group of states (sorry, no partial states) or all of Canada: $1 postpaid per state. Listing of applications — about 500 — $2.50 postpaid (add .50 for Canada). Minimum order $2.00 please. Applications do not show facilities change requests, just applications for new stations. Here's what part of the applications print-out looks like: [Order from "FM Atlas Co.," Adolph MN]

**********UNITED STATES FM APPLICATIONS**********

89.5	*	V	BIRMINGHAM	AL	263	850	15	47B1R.PUBLIC
93.5		V	BUTLER	AL	3000	230	13	45BUT.BCSTG.(
91.3	*		EUTAW	AL	100000	360	33	89GREEN CTY.E
89.3	*	V	HUNTSVILLE	AL	100000	814	46	95LIBRARY BOA
90.9	*		HUNTSVILLE	AL	6980	742	27	66U OF AL-HUN
90.1	*		TROY	AL	50000	284	27	75TROY STATE
92.7		V S	TUSCALOOSA	AL	3000	196	12	42TRI-CITIES
101.1		SV M	FAIRBANKS	AK	25000	-41	8	28N.W. HORIZO
105.9	*		KETCHIKAN	AK	10			RAINBIRD
100.1	*		KODIAK	AK	3000	3	5	20K. PUBLIC C
100.3		VKG	NORTH POLE	AK	25000	1570	50	93KJNP
102.3		MK	BULLHEAD CITY	AZ	3000	-601	5	17HOLIDAY

CONTRIBUTORS LAST MONTH: Jim Alexander, New Hartford NY; Bill Dickerson, Williamsport PA; Mike Dorner, Jr., Metairie LA; John Ebeling, Bloomington MN; A. H. Ellis, Brantford, Ont.; Robert Fischer, College AK; Glenn Hauser, Enid OK; Mark Hoersten, Bellevue OH; Clarke W. Ingram, Pittsburgh PA; E. H. Isotalo, Appleton WI; Greg Kelley, Roanoke VA; Mark Lewis, Downsview, Ont.; Nick Lombardi, Atlanta GA; Mark S. Lucas, Lancaster OH; Eric Norberg, program director KEX (AM) Portland OR; Paul Petosky, WOXO(FM) Munising MI; Marvin E. Robbins, Omaha NE; Ken Simon, Ft. Lauderdale FL; Dennis Smith, Chico CA; Bill Thompson, Buffalo NY; Larry Weil, East Rockaway NY; Steve West, Havertown PA. CONTRIBUTORS THIS MONTH: Robert Baker, Humboldt IA; Andy Bolin, Charleston IL; Mike Collins, Hartford CT; Tom Cornell, Kokomo IN; Mike Dalton, Clearwater FL; George Darringer, Hutchinson MN; W. Bruce Dean, Saskonk MA; Dorner; Ebeling; Fischer; Bill Frahm, Boise ID; Paul L. Gaines, Detroit MI; William R. Hale, Shalimar FL; Hauser; Nick Lombardi, Atlanta GA; Fred McCormack, Fargo ND; Petosky; Robert Seaman, Honeytown PA; Simon; Andy Smith, Charleston IL; Steven Sprachman, Seaford NY; Terry A. Stripsky, chief engineer KQRS-FM Golden Valley MN; Weil; Steven C. Wisebloud, Santa Maria CA; Dr. Richard E. Wood, Garden City NY (who is leaving for a trip to Europe). TJ Bruce

STATISTICS

AUGUST 1975 — Next: 97 MHz FM DX Records

Editor: Glenn Hauser, 1312 West Oak, Enid OK 73701

Ch	Call	Location	Miles	DXer, Location	Primary/Logos
61	WKEF-	OH Cleveland	920	Robert Cooper, Arcadia OK	
	WHUM-	PA Reading	70	Gordon Simkin, Havre de Grace MD	
	WRIP	TN Chattanooga	660	Bill Draeb, Kewaunee WI	
62	WFIE-	IN Evansville	150	Larry Vehorn, Speedway IN	
	WBLG-	KY Lexington	545	Dave Pomeroy, Overland Park	
	WXON-	MI Detroit	305	Ron Hade, Rockford IL	
	W62__	NY Clymer	70	Bill Thompson, Buffalo NY	WNED-17
			tie	Paul D. Traska, Buffalo NY	
	W62__	NY Ellington	45	Paul D. Traska, Buffalo NY	WNED-17
	W62AA	NY New York	90	Steve West, Havertown PA	WNJU-47
	W62__	NY Sinclairville	45	Paul D. Traska, Buffalo NY	WNED-17
			tie	Bill Thompson, Buffalo NY	
	K62AD	OK Guymon	240	Robert Cooper, Arcadia OK	
63	W63AB	PA Mansfield	475	Jim Gould, Kokomo IN	WVIA-44
64	W64AD	FL Boca Raton	25	Ken Simon, West Palm Beach FL	WCIX-6
	W64AA	NY New York	180	Gordon P. Nelson, Watertown MA	WNEW-5
	W64__	NY Sherman	100	Tony Ward, Guelph Ont	WNED-17
	W64AE	PA Susquehanna	175	Paul D. Traska, Buffalo NY	WVIA-44
	K64AA ?	TX Perryton	195	Robert Cooper, Arcadia OK	KFDA-10
65	W65AA	PA Troy & Canton	140	Robert Seybold, Dunkirk NY	WVIA-44
66	W66AA	NY New York	90	Steve West, Havertown PA	WABC-7
	W66AB	PA Lake Ariel	430	Roger Brown, East Lansing MI	WVIA-44
	K66AB	TX Perryton	180	Robert Cooper, Oklahoma City OK	KGNC-4
	(AT&T)	Cuba Guanabo	195	Carlon Howington, Homestead FL	
67	WMPB	MD Baltimore	610	Don Ruland, Kenosha WI	
	WSNL-	NY Patchogue	145	Ray Barstow, Teaticket MA	
	WNOK-	SC Columbia	10	Carlon Howington, Ft Jackson SC	
	W67AC	WI Darlington	120	Gary Olson, Deerfield IL	WHA-21
68	KVST	CA Los Ángeles	135	Jim Pizzi, Orcutt CA	
	W68AA	IL Danville	455	Robert Seybold, Dunkirk NY	WAND-17
	WKMJ-	IN Louisville KY	495	Joel Rosenberg, Downsview Ont	
			tie	Mark Lewis, Downsview Ont	
	WBTB	NJ Newark	200	Ray Barstow, Teaticket MA	
	K68AD	TX Perryton	180	Robert Cooper, Oklahoma City OK	KVII-7
69	K69AI	TX Junction	110	Glenn Hauser, Von Ormy TX	KSAT-12
	WHFV	VA Fredericksburg	165	Steve West, Havertown PA	
	W69AB	WI Darlington	120	Gary Olson, Deerfield IL	WKOW-27

Get in touch with MEXICO As those of us who have been getting net-5 on ch 2 and 3 have surmised, Televisa has juggled its networks around. Now, thanks to a June Tele-Guía forwarded by Ken Simon, we can unravel some of the mystery. You can now update your last list and/or the TV Station Guide! Net-8 has been cut back to but 3 relays: XHFM-2, XHP-3, XHTQ-9 (ex-net-5). Net-4 remains only on XEX-7, XHAI-10 and 12 in Huétamo, Mich. (prob. low power). Net-13 now exists, via many 11s, 12s, 13s; and 4s in Chihuahua and Yucatán (not Televisa); Changes in Net-2 include XEHL-6 (formerly on 2 in Guadalajara, with XEHL L); on ch 5 in Cd. Cuauhtémoc, Chih.; ch 6 in Cd. Delicias, Chih. (These last two could be translators); ch 14 in Mexicali, B.C. (and I've seen XHAQ-5 as L). Net -5 takes over much of the old net-8: Aguascalientes-13, Acapulco-4, Cd. Victoria-13, Culiacán-13, Zamorano-5, Guadalajara-9, Hermosillo-10, Las Lajas-5, Los Mochis-12, Mazatlán-7, Monterrey-6, Parral-3, Saltillo-7, Tampico-9, Tepic-4, Torreón-2, Zacatecas-3. Also listed is Chihuahua-2, but I saw XHCH with L, announcing net-2 also, not net-5. Watch out for "Televisa y Vd." Mon-Fri 1100-1430 GST, when all four nets are in parallel!

PIONEER ★ JUPITER US 10¢

PUBLIC TELEVISION CHANNEL B AUCTION MAY 3-10, 1975

(KUHT, Houston TX)

Hyam Salomon

PUBLIC TELEVISION CHANNEL B AUCTION APRIL 20-27

(WCET, Cincinnati OH)

EASTERN TVDX

Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

Deadline: 10th

August 1975

Strange as it seems, E-skip activity in June was both spectacular and disappointing. Spectacular, because of high-band Es openings. Disappointing, because in spite of the fact that there were only three days without Es reported by Eastern DXers, MUFs were generally lower than usual for June. There didn't seem to be very many good evening openings in comparison to past years, either. But still, there were some really exceptional days. On the 16th, Bob Seybold had an opening that reached channel 7, and saw KOAM-7 Pittsburg KS. On the same day, Bob had double-hop reception of WKAQ-2 San Juan PR. The big Es news this month will really be found in other report columns, in the form of a once-in-a-lifetime Es opening that reached ch 13 video! DXers in parts of Florida and the Carolinas should have been able to catch high-band Es on June 30, but nothing has been reported to this column to indicate this yet. Note Bob Seybold's super tropo catches on the morning of July 1!

June E-skip dates:	1	2	3	4	5	7	8	9
number of reporters	8	6	5	1	3	1	9	6
MUF to at least:	4	6	3	2	3	2	6	3

10	12	13	14	15	16	17	18	19	20	21	22	24	25	26	27	28	29	30
2	3	5	5	5	6	6	11	7	5	8	4	5	4	6	2	6	2	5
2	3	4	6	3	7	64	64	89.3	5	107.1	4	5	4	101.3	3	6	2	94.5

Paul D. Traska 64 Weaver Avenue Buffalo, New York 14206 (EDT)

May

20	Tr	1059	WKBS-48	Philadelphia PA	R
		1215	WNJT-52	Trenton NJ	R
			"WKBS in 8 days; WHP-21 & WTPA-27 seen two days"		
		2230	WITF-33	Hershey PA	N
			WSBA-43	York PA	N
21		0040	WPHL-17	Philadelphia PA	R
	LS	2220	W63AB-63	Mansfield PA	R
		2230	W64AB-64	Susquehanna PA	R
		2240	WLVT-39	Allentown PA	R
		2328	WNJS-23	Camden NJ	N
22	Es	1745	KLNB-3	Lexington NE	R
		1859	KHAS-5	Hastings NE	R
		2300	KMTV-3	Omaha NE	R
24	Tr	1004	CKGN29-29	Oil Springs	R
		1007	WTAF-29	Philadelphia PA	R
25		0230	CKSO-5	Sudbury Ont	R
			CHNB-4	North Bay Ont	R
26		0345	WHP-21	Harrisburg PA	R
27	Es	1120	ICB-6	Havana CUBA	R
		1130	unID-7	"horizontal lines?"	
			WEAR-3	Pensacola FL	R
			WPTV-5	W Palm Bch FL	R
			WCIX-6	Miami FL	R
			WUFT-5	Gainesville FL	R
		1200	WCTV-6	Thomasville GA	R
			WKRG-5	Mobile AL	R
			WEDU-3	Tampa FL	R
		1300	KFDM-6	Beaumont TX	N
		1307	KXAS-5	Ft Worth TX	R
			KTAL-6	Shreveport LA	N
		1330	KOTV-6	Tulsa OK	R
			KFSM-5	Ft Smith AR	R
			KARD-3	Wichita KS	R
		1345	KOCO-5	Oklahoma City OK	R
			KTVC-6	Dodge City KS	R
		1400	KWGN-2	Denver CO(o/WGR)	R
		1545	KDLO-3	Watertown SD	N
		1600	KOTA-3	Rapid City SD	R
28		1100	WEDU-3	Tampa FL	R
28	Es	0100	KATC-3	Lafayette LA	R
			WLBT-3	Jackson MS	R
		0107	WABG-6	Greenwood MS	R
		1259	WTHS-2	Miami FL (o/WGR)	N
29		1240	KTBS-3	Shreveport LA	N
		1325	KFDX-3	Wichita Falls TX	R
		1450	KLNB-3	Lexington NE	R
		1459	KTVO-3	Ottumwa IA	N
		1500	KARD-3	Wichita KS	R
		1430	KOTA-3	Rapid City SD	R
30	Tr	0159	WNEM-5	Bay City MI	R

June

1	Es	1240	KFDX-3	Wichita Falls TX	R
2		1040	WEAR-3	Pensacola FL	R
4	Tr	2020	W64AA-64	Sherman NY	N
		2055	W56AA-56	Silver Creek	N
8	Es	1200	unID-3	Spanish southwest	
			WEAR-3	Pensacola FL	R
		1215	KTBS-3	Shreveport LA	R
10	Tr	2210	WPSX-3	Clearfield PA	R
18	Es	1020	WOW-6	Omaha NE	R
		1130	KYTV-3	Springfield MO	N
		1140	KXON-5	Mitchell SD	N
			KPLO-6	Reliance SD	R
			KOTA-3	Rapid City SD	R
		1730	KTVS-3	Sterling CO	R
		1735	KICU-5	Cheyenne WY	N
			"33rd state"		
19	MS	0502	WJXT-4	Jacksonville FL	N
21	Es	2100	WEDU-3	Tampa FL	R
	Tr	2300	W50AA-50	Carthage NY	N
26	Es	1200	KYTV-3, KARD-3, KCMO-5, KTVO-3, KLNB-3		
28	Tr	0845	WTAF-29	Philadelphia PA	R
29		0907	W60AA-60	Findley Lake NY	N
		0910	WLVT-39	Allentown PA	R
30		0630	WLYH-15	Lebanon PA	R
		0645	W63AB-63	Mansfield PA	R
		0715	WILL-3B	Terre Haute IN	R

July

1	Tr	0745	W64AG-64	Lowville NY	N

Jim Herkimer 3255 South Drive Caledonia, New York 14423 (EDT)
"Here's my first report. I'm 28, have been a member for a couple of years. Since leaving the Air Force I've finally started building a decent setup: 1960's Zenith 17" B/W, Winegard SCX-26 10 element lowband yagi, and AR-22 rotator. Next comes a highband yagi, and finally, something for UHF. QTH is 16 miles south of Rochester, approx. 60 miles east of Buffalo."

May
15 Es 2200 KLMB-3 Lexington NE
2300 KTVI-2 St Louis MO
KTEW-2 Tulsa OK
KYTV-3 Springfield MO
26 0930 WPBT-2 Miami FL
27 1100 KETS-2 Little Rock AR
1130 WBRZ-2 Baton Rouge LA
1200 KOTA-3 Rapid City SD
1230 WTVJ-4 Miami FL
1330 WTVY-4 Dothan AL
1400 WEAR-3 Pensacola FL
1500 KSNB-4 (Superior NE)
1540 KHAS-5 Hastings NE
1600 KTIV-4 Sioux City IA
KLMB-3 Lexington NE
1700 KDIX-2 Dickinson ND
KGFE-2 Grand Forks ND
2340 WRBL-3 Columbus GA
2345 WMAB-2 State College MS

28 Es 0135 WSB-2 Atlanta GA
0935 WESH-2 Orlando FL
1220 WEDU-3 Tampa-St Pete FL
1230 WUFT-5 Gainesville FL
WJXT-4 Jacksonville FL
29 1430 KETS-2 Little Rock AR

June
18 Es 0745 KARD-3 Wichita KS
0800 KAUZ-6 Wichita Falls TX
26 1300 WDAF-4 Kansas City MO
28 2000 KTVO-3 Kirksville MO

July
4 Es 1033 KDIX-2 Dickinson ND
1100 WESH-2 Orlando FL
1700 CJON-3 St John's Nfld
5 1100 WCCO-4 MinneapolisSt Paul
2030 WCBI-4 Columbus MS
2130 WWL-4 New Orleans LA
2207 WSM-4 Nashville TN
2300 WMT-2 Cedar Rapids IA

"Totals now at 58 sths, 24 states. Best DX to all."

Fred Nordquist 302 Sandra Lane N. Syracuse, New York 13212 (EDT)
Equipment: 12" GE B/W ASF 2223WD. Antenna: Jerrold VU-935S @ '35, rotor.

May
13 Es 1730 unID-2 "educ. program"
15 2200 KQTV-2 St Joseph MO (975)
19 Tr 2230 CKGN22-22 Uxbridge (165)
22 Es 1738 KTIV-4 Sioux City IA (1020)
1900 KSNB-4 Superior NE (1150)
25 Tr 2358 CHLFT-25 Toronto Ont (170)
27 Es 2335 WCBI-4 Columbus MS (940)
2344 KARK-4 Little Rock (1040)
28 0007 unID-2 "also @ 1230 & 1234
29 1724 unID-2 "N. Dakota"
31 Tr 2300 WVIA-44 Scranton PA (125)

June
8 Es 2018 KSNB-4 Superior NE (1150)
14 2100 unID-2 NBC
16 0725 KCKT-2 Gt Bend KS (1215)
0729 WDAF-4 Kansas City (990)
0730 WKY-4 OklahomaCity (1250)
KTEW-2 Tulsa OK (1150)
0740 KARD-3 Wichita "o/WSYR!"
0745 KTAL-6 Shreveport (1160)
1730 unIDs 2-4-6
19 1825 unIDs 2-4-6
21 1122 "MUF to 105.74(FM DXing)"
1601 WTVY-4 Dothan AL (970)

21 Es 2020 "MUF to 107.14"
25 2233 WHBF-4 RockIsland IL (740)
2325 KSNB-4 Superior NE (1150)
2332 KUSD-2 Vermillion (1030)
26 0100 KNOP-2 N Platte NE (1255)
1241 "MUF to 99.54"
28 2000 WKY-4 Oklahoma City(1250)
30 2030 WDIQ-2 Dozier AL (985)
WJXT-4 Jacksonville (935)

July
1 Es 2016 unID-4 NBC
2 2030 KXJB-4 Jamestown ND (1120)
2100 CKCK-2 Regina Sask (1425)
3 1730 CJON-4 StJohns Nfld(1075)
1800 unID-6 CBC
MS 1955 WCCO-4 Minneapolis (850)
4 Es 1100 KSNB-4 Superior NE (1150)
1130 KDAL-3 Duluth "o/WSYR!"
1200 CHFD-4 Thunder Bay (720)
CBWT2-4 (Iacdx Bonnet)Man
5 1000 WDAF-4 Kansas City MO
2205 KARK-4 Little Rock AR
6 0900 WCBI-4 Columbus MS (940)
7 & 8 "No Es noted"

Leslie Price 115 Parkwood Drive Wilmington, North Carolina 28401 (EDT)
"Here is a list of stations I have logged recently. We have been having poor reception on local channel 3 because of this (Es) for the past month."

May
24 Tr 0700 WTVT-13 Tampa FL "7am wx"

June
14 Tr 0645 WTLV-12 Jacksonville FL

16 Es 1900 (KRGV)-5 Brownsville TX?
19 1836 CJIC-2 SaultSteMarie Ont
CKCO2-2 Wiarton Ont
+many more unIDs on 2 & 3

"Ch 13 Florence SC should be granted permission to construct a 2000 ft. tower on the SC & NC state line soon...It should serve Wilmington w/CBS"

Wayne Fitzgerald 718 Leesville Road Lynchburg, Virginia 24502 (EDT)

June

1	Es	2230	KMID-2 Midland TX	R1313
		2300	KACB-3 San Angelo TX	N1244
		2310	(KMOL)-4 San Antonio	R1213
2		1100	KFDX-3 WichitaFalls	R1086
		1105	KCKT-2 Gt Bend KS	R1044
		1130	WTHS-2 Miami FL	R0810
		1200	KAMR-4 Amarillo TX	R1235
			KTEW-2 Tulsa OK	R0910
7		1700	KRTS-2 Littlerock AR	R0739
8		2130	KUSD-2 Vermillion SD	R0983
			KHOB-5 Mitchell SD	R0990
		2155	KTEW-2 Tulsa OK	R0910
		2230	KNOP-2 N Platte NB	R1156
			KTVS-3 Sterling CO	R1278
13		1430	WTVJ-4 Miami FL	N0810
			unID-3 CUBA	T
		1500	KCKT-2 Gt Bend KS	R1044
		1530	unID-2 CUBA	T
17		1400	WWL-4 New Orleans	R0800
		1430	unID-6 CUBA	T
		1433	unID-2 CUBA	T
		1530	KATC-3 Lafayette LA	R0874
17	Es	1535	unID-4 CUBA	
18		1100	WMT-2 Cedar Rapids	R0765
			KFYR-5 Bismarck ND	N1252
		1128	KCCO-4 ValleyCity ND	N1139
		1130	WDAY-6 Fargo ND	N1091
		1430	WBRZ-2 Baton Rouge	R0830
			KLNB-3 Lexington NB	R1096
20	Tr	0030	"good tropo from NC on all 3 bands"	
	Es	1000	KATC-3 Lafayette LA	R0874
		1300	KIAS-5 Ft Worth TX	R1052
			KDFW-4 Dallas TX	R1020
		1330	KTEW-2 Tulsa OK	R0910
21	Tr	0100	WOAY-4 Beckley WV	R0115
		0130	KDKA-2 Pittsburgh PA	R0220
		0205	WITN-7 Washington NC	N0174
25	Es	1230	CKPR-2 Thunder Bay	R0904
		1245	CJCB-4 Sydney NS	R1155
		1300	WLBZ-2 Bangor ME	R0730
		1330	CHSJ-4 St John NB	R0878
		1430	CJBR-3 Rimouski PQ	N0930
30		1200	WTHS-2 Miami FL	R0810
		1300	unID-3 MEXICO; canal 8 net	

"A very good month here that brought in 7 new stations. Those Cuban logs on the 13th & 17th were only displaying a test pattern with the word 'CUBA' on them, therefore no ID, but a couple were on channels that I haven't before seen from Cuba. A long awaited opening from North Dakota on the 18th brought along 3 new loggings. A few words of praise are due for the WTFDA TV Station Guide. It is a must for any TV DXer. With it I was able 2 Cuban slides I have had for 3 years. Happy DXing to everyone."

Jim Alexander 8 Court Knolls New Hartford, New York 13413 (EDT)

June

15	Tr	1400	CBMT-6 Montreal PQ	(180)
			CBOT-4 Ottawa Ont	(155)
16		0030	CBFT-2 Montreal PQ	(180)
			"local WKTV off early"	
		0137	CBOFT-9 Ottawa Ont	(155)
		0630	CJOH-6 Deseronto Ont	(115)
		0800	CBOT-4 Ottawa Ont	(155)
			CBOFT-9 Ottawa Ont	(155)
	Es	0900	WSAV-3 Savannah GA	
18		0900	KALB-5 Alexandria LA	
		1200	KARK-4 Little Rock AR	
		2100	KARD-3 Wichita KS	
19		2000	WEAR-3 Pensacola FL	T
			WTVY-4 Dothan AL	
	Tr		CJOH-6 Deseronto Ont	(155)
		2100	WHEC-10 Rochester NY	T
23		1930	CBMT-6 Montreal PQ	(180)
			CBOT-4 Ottawa Ont	(155)
			CFTM-10 Montreal PQ	(180)
		2015	CFCF-12 Montreal PQ	(180)
			CJOH-8 Cornwall Ont	
24		0810	CBOT-4 Ottawa Ont	(155)
			CJOH-6 Deseronto Ont	(115)
			CJOH-8 Cornwall Ont	(135)
			CJOH-13 Ottawa Ont	(155)
25	Es	1243	WDAF-4 Kansas City MO	
		1305	WMT-2 Cedar Rapids IA	T
		1315	KGLO-3 Mason City IA	
26		1206	KMOX-4 St Louis MO	
27	Tr	2000	WNFI-18 Norwood NY	(115)
		2100	CFVO-30 Hull PQ	(155)
28	Es	1913	KHAS-5 Hastings NB	
		1920	KMTV-3 Omaha NB	
July				
3	Es	(late AM)	WRBL-3 Columbus GA	
		1300	WCBI-4 Columbus MS	
		1325	KARK-4 Little Rock AR	
		1657	CJCN-4 Grand Falls Nfld	
	Tr	2130	CJOH-6 Deseronto Ont	(115)
			WXXI-21 Rochester NY	(110)
		2200	CKGN22-22 Uxbridge Ont	
			"longest UHF"	
4		0017	WBNG-12 Binghamton NY	
		0628	WCDC-19 Adams MA	
		0700	CJOH-6 Deseronto Ont	(115)
		0710	WOKR-13 Rochester NY	(110)
		0730	CFTO-9 Toronto Ont	(195)
		0800	WGRZ-29 Buffalo NY	(175)
	Es	0945	CJCN-4 Grand Falls Nfld	
9		1920	WESH-2 Daytona Beach FL*	
	Tr	2100	WNFI-18 Norwood NY	(115)

(*)—Received thru local WKTV-2. "Highlights of the month were the tropo openings of June 23 to Montreal, and July 3-4 over the east-west path. Log totals: 100 stations from 26 states and 5 provinces." Equipment includes an 8-bay UHF bowtie (new).

Steven Sprechman 3939 Ave Drive Seaford, New York 11783 (EDT)

June

14 Tr 2130 WNEP-16,WBRE-28 PA

15 Es 1930 WPBT-2 Miami FL R1080
WEDU-3 Tampa FL R1010
WCIX-6 Miami FL R1080

18 0800 KYTV-3 Springfield R1050
0930 WDAF-4 Kansas City R1100
1030 KARD-3 Wichita KS R1275
1100 KTEW-2 Tulsa OK R1220

21 2100 WREC-3 Memphis TN R990

"On June 20 WSNL-67 went off the air for the summer. Hopefully they will be back in the fall. The cause of the suspension of operation—money." (Thx for the copy of your local TV skeds -bt)

21 Tr 2300 WBOC-16,WCPB-28 MD
"Philadelphia UHF extremely strong—WTAF-29 produced harmonic." (You must mean an image. Ch 29 harmonics would fall above the UHF TV band, at 1020 MHz and higher. A ch 29 image would appear at ch 14 -bt)

25 Es 2230 WMT-2 Cedar Rapids IA R

26 Tr 2000 WNEP-16,WBRE-28 PA

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (EDT)

June

1 Es 0900 WJBK-2 Detroit MI 4321R
KDKA-2 Pittsburgh PA T
0930 KYTV-3 Springfield 3211R
KQTV-3 St Joseph MO 3211R
1100 KTVO-3 Ottumwa IA 4421R
1130 WLWD-2 Dayton OH 4211R
1900 WBBM-2 Chicago IL 3311R
1910 WKZO-3 Kalamazoo MI 5532R
1955 WBAY-2 Green Bay WI 3311R
2230 WMT-2 Cedar Rapids 3121R
2320 WBAY-2 Green Bay WI T

2 2005 unIDs on 2; CBS & NBC

4 MS 0552 WLWD-2 Dayton OH 5015R
0553 KDKA -2 Pittsburgh 2014R

5 Tr 2200 WBBA-14 Allendale SC 4315R
WJCL-22 Savannah GA 5535R
WVAN-9 Savannah GA 4411R
2250 WBLK-35 Columbia SC 2011R
2300 WATU-26 Augusta SC 2011R

8 Es 0930 KIII-3 Corpus C TX 4433R
1000 KGBT-4 Harlingen TX 3331R
1200 CKVR-3 Barrie Ont 3421R
1233 CBFT-2 Montreal PQ T
1300 WKTV-2 Utica NY 4321R
1344 WGR-2 Buffalo NY 3421R
1416 WSYR-3 Syracuse NY 4321R
1422 KPRC-2 Houston TX 4442R
KIII-3 Corpus C TX 2211R
1424 KGBT-4 Harlingen TX 3331R
1600 unID-2 Spanish southwest

9 MS 0552 WLWD-2 Dayton OH 5015R
Es 1825 unIDs 2 & 3

10 MS 0558 WKZO -3 Kalamazoo MI 3015R
0610 KYW-3 Philadelphia 4015R
Tr 2302 ICR-2 Havana CUBA 3333R

12 Es 0820 KYW-3 Philadelphia 4321R
0900 WGR-2 Buffalo NY 4321R
1930 CKVR-3 Barrie Ont 4421R

13 1520 KTBS-3 Shreveport LA 2411R
1545 unID-2 "MOBILE between WPB-Miami on 9" portable"

14 1120 WFSB-3 Hartford CT 3311R

15 1130 WLBT -3 Jackson MS 3411R
"have all 3 modes"

16 MS 0545 WLWD-2 Dayton OH 4015R
Es 1528 WCIA-3 Champaign IL 3211R
1530 WNGE-2 Nashville TN 4311R
1717 KTVI-2 St Louis MO 4411R
1730 KTVO-3 Kirksville 4211R
1750 KQTV-2 St Joseph MO 4211R
1800 WDAF-4 Kansas City 4211R
1823 KYTV-3 Springfield 2211R

16 Es 1830 KARK-4 LittleRock AR 4011R
1900 WKY-4 Oklahoma City 3211R
KARD-3 Wichita KS T
1905 KFDX-3 WichitaFalls 4321R
1940 KPRC-2 Houston TX 2011R

17 1450 WOC-6 Davenport IA T
1600 KTVI-2 St Louis MO 2211R
1630 WPSD-6 Paducah KY 3011R
1625 CKGN2-2 Bancroft Ont 2011R
1715 WNGE-2 Nashville TN 2211R
1745 KMOX-4 St Louis MO 3331R
1800 KTBS-3 Shreveport LA 4211R
1900 KTVO-3 Kirksville 3011R
2000 KATC-3 Lafayette LA T

18 1630 WTWO-2 Terre Haute IN T
1710 KYTV-3 Springfield 4321R

20 MS 0540 KYW-3 Philadelphia 2015R

21 Es 0859 WPSX-3 Clearfield 0211R
0930 WSYR-3 Syracuse NY 3011R
WKZO-3 Kalamazoo MI 0211R
1030 CKCO2-2 Wiarton Ont 2211R

22 0925 KDKA-2 Pittsburgh PA 2211R
KARD-3 Wichita KS 3211R
0935 KTEW-2 Tulsa OK 4311R
1000 WJBK-2 Detroit MI 2211R
1100 WAVB-3 Bald Knob IN 3211R
1200 WTWO-2 Terre Haute 2321R
1220 KTVI-2 St Louis MO 2221R
1230 WMT-2 CedarRapids IA 2311R
1355 WBAY-2 Green Bay WI 3211R

23 MS 0540 WLWD-2 Dayton OH 3015R

25 0546 WLWD-2 Dayton OH 2015R

26 0555 WLWD-2 Dayton OH 3011R

27 Es 1530 YSR-2 San Salvador 3331R
TGV-3 GUATEMALA T

28 1200 WTWO-2 Terre Haute 4411R
WCIA-3 Champaign IL 3311R
1230 WISO-3 Madison WI 3411R
1300 WEZO-5 Kalamazoo MI 1311R
1325 WSAZ-3 Huntington WV 5411R
1330 WLWD-2 Dayton OH 2211R
1600-1800 "power out"
1830 WBAY-2 Green Bay WI 4432R

29 1720 XEW-2 Mexico City DF 4322R

30 MS 0601 WLWD-2 Dayton OH 5011R
Es 1700 YNTC-3 Managua NICARAGUA
1825 TGV-3 GUATEMALA T
1900 KPRC-2 Houston TX 3311R
KIII-3 Corpus C TX 3311R
2000 XHD-4 Tampico Tamps T
KMOL-4 San Antonio 4111R
2130 WPSX-3 Clearfield PA 4433R

"Was busiest month I've had!"

Bill Thompson 1907 Seneca Street Buffalo, New York 14210 (EDT)

June
12 Es 1934 unID-2 & CCI on WGR to S.
13 2130 unIDs 2,3 S; NBC on 3
14 1846 unIDs 2-6 brief, weak
16 MS 0544 WSB-2 Atlanta GA
0554 WJXT-4 Jacksonville FL
Es 1359 WRBL-3 Columbus GA
WSB-2 Atlanta thru WGR
1428 WEAR-3 Pensacola FL
1628 KATC-3 Lafayette LA
WLBT-3 Jackson MS
17 0132 CKCK-2 Regina Sask
(WGR off early tonite)
2200 KBTX-3 Bryan TX
18 1118 tune-in, skip vy intense chs 2-6 & FM
1126 WPBT-2 Miami FL o/WGR
1128 KARD-3 Wichita KS
1200 KPLO-6 Reliance SD
KXON-5 Mitchell SD
1201 unID-6 NEW; CBWT?
1230 KOTA-3 Rapid City SD
1605 KTIV-4 Sioux City IA T
1700 KLNE-3 Lexington NE
1830 KYCU-5 Cheyenne WY
KTVS-3 Sterling CO
1900 KFDX-3 Wichita Falls TX
19 1829 KHPL-6 Hayes Center NE
KTVS-3 Sterling CO
KYCU-5 Cheyenne WY
1830 KRMA-6 Denver CO
20 Tr 0022 WJAN-17 Canton OH
MS 0033 WSB-2 Atlanta GA thru WGR
Tr 0148 WTRF-7 Wheeling WV
Es 1257 KATC-3 Lafayette LA
21 Tr 0108 Ft Wayne 15-21-33 (345)
MS 0545 WBBM-2 Chicago IL
Es 1230 KTBS-3 Shreveport LA
1300 KTVI-2 St Louis MO o/WGR
1957 WEAR-3 Pensacola FL
1958 WEDU-3 Tampa FL
1959 WJXT-4 Jacksonville FL
WESH-2 Daytona Bch o/WGR
2017 WDBO-6 Orlando FL
2030 WKRG-5 Mobile AL
WCTV-6 Thomasville GA
2100 WDSU-6 New Orleans LA
2129 WWL-4 New Orleans LA T
Tr 2200 Fort Wayne 15-21-33 (345)
2230 WNPE-16 Watertown NY (165)
2327 W56AA-50 Watertown (165)
2330 WNPI-18 Norwood NY (225)
22 0300 WNEM-5 Bay City MI (255)
Es 1416 weak CCI on 2 southwest
Tr 2329 WCDC-19 Adams MA
WNPI-18 Norwood NY (225)
WNPE-16 Watertown NY (165)
2331 CFCF-12 Montreal PQ (280)
2350 CJOH-13 Ottawa Ont (230)
23 0001 CKWS-11 Kingston Ont (155)
26 Es 1159 KYTV-3 Springfield MO
1259 KCMO-5 Kansas City MO
1300 KARD-3 Wichita KS
1329 KTVO-3 Ottumwa-Kirksville
26 Es 1400 KLNE-3 Lexington NE
1800 WPBT-2 Miami FL thru WGR
28 Tr 0334 CKNC-9 Sudbury Ont (240)
CHNB-4 North Bay (235)
CKSO-5 Sudbury Ont (240)
0420 unID-2 gray scale; CJIC?
MS 0554 KMOX-4 St Louis MO
Es 1658 WEAR-3 Pensacola FL
1701 WKRG-5 Mobile AL T
1959 KYTV-3 Springfield MO
KLNE-3 Lexington NE
WMT-2 Cedar Rapids IA
2000-2100 many unIDs to ch 6
Tr 2350 CFCF-12 Montreal (vy strong) & steady & on 2 NE; CBFT?
29 0017 WSBA-43 York PA (225)
WHP-21 Harrisburg PA (200)
0025 CKLW-9 Windsor Ont (215)
0030 WJAC-6, WSTV-9, WPGH-53
0100 CKWS-11 Kingston Ont
0111 CFTM-10 Montreal PQ (290) excellent over WHEC (only a few degrees apart); s/off nx 'Bonne Nuit' slide
0128 CJSS-8 Cornwall Ont (255)
30 Es 2115 tune in; unID 2-5 south

July
1 Es 0849 unID 2-6 very choppy
WCIX-6 Miami? [illegible] T
1059 WBRZ-2 Baton Rouge o/WGR
1229 KATC-3 Lafayette LA
1959 KARD-3 Wichita KS
KCKT-2 Great Bend KS
KTVC-6 Ensign KS
2 1900 unID-2
3 Tr 0001 W39AA-39 Ft Wayne IN (345)
Ft Wayne 15-21-33
Es 1053 KATC-3 Lafayette LA
1105 KTBS-3 Shreveport LA
1130 WREC-3 Memphis TN
1138 KALB-5 Alexandria LA T
1159 KFSM-5 Ft Smith AR
1200 KOTV-6 Tulsa OK
1230 KFDX-3 Wichita Falls TX
1246 KYTV-3 Springfield MO
1256 WKY-4 OK City thru WBEN
1329 KOCO-5 Oklahoma City OK
1405 KTEW-2 Tulsa OK thru WGR
4 1200 unIDs 2,3 northwest
5 1130 unID 2-5 southwest
2000 WPBT-2, WEDU-3 tentatives
2059 KTBS-3 Shreveport LA
2239 WLBT-3 Jackson MS
6 Tr 0130 Ft Wayne 15-21-33 (345)
MS 0530-0600 many vy heavy bursts
7 Tr 0604 WRC-4 Washington DC (285)
WPVI-6 Philadelphia (270)
1131 WDCA-20 Washington (285)
Es 1901 unID 2-5 south
8 Au 0250 unID 2-6
0636 WDCA-20 Washington DC (285)
0650 WTOP-9 Washington DC T
2157 Detroit U's good

Also, frequent reception of such U's as WIHO-24, WGTE-30, WBGU-57, CKGN1-22 and sometimes WLIO-35 on summer lake-effect tropo, which is almost a daily thing in late June & all of July. WBGU-57 (300 mi) very often snowfree.

Bob Seybold Bennett Road Dunkirk, New York
"Past 30 days have brought some form of DX on every day with a number of days good for both Es & Tr. Added equipment has helped—pre-amps on VHF and UHF, 7 ft Pinco dish, and now Channel Master 7 ft dish with pre-amp. All pre-amps are Blonder-Tongue—their top line amps."

June
1 to 10 Es "Some scattered openings in this period but general lull."
15 to 30 Tr "Fair trops in this period; these stations seen often: WANE-15 WNDU-16 WNPB-16 WKPI-18 WLFI-18 WSYR-18 WUCM-19 WXON-20 CKSM1-22 CKGN29-29 WSBT-22 WDAU-22 W39AA-39 WKAR-23 WIHO-24(daily) WEYI-25 WSJV-28 WGTB-30 WBRB-28 WHIT-34(occasionally) WENY-36 WICZ-40 WBJA-34 WNBO-45 WPGH-53 WKBD-50 WTVS-56; also these translators: W81AJ-81 W73AR-73 W46AB-46 W26AA-26 W56AR-56 W60##-60 W62##-62 Clymer NY, W62##-62 Sinclairville NY, W56##-56 Kennedy NY, W64##-64 Sherman NY, W76AM-76 W72AQ-72 & others (all above WNED-17 translators).
15 to 30 Es "E-skip on all days with several big openings including 16th."
16 Es "Florida,Cuba,Puerto Rico(double hop),Texas,Oklahoma,Dakotas,Kansas, Nebraska,Colorado,Louisiana,Alabama,Georgia,Arkansas & Wyoming—Es noted 0700 to 1400, then again at 1600 into evening—all channels 2-6, also into channel 7: KOAM-7 Pittsburg KS, WHRZ-2 WKAQ-2 San Juan, Puerto Rico, WKSH-2 KCKT-2 KARD-3 KTVS-3 KTVO-6 KWHB-6 WKRG-5 KAUZ-6 WDBO-6 ICR-6 Havana CUBA, WBAR-3 WFTV-5 & many others; they were several deep on all channels."
17 "Another big skip day; started early 0700 till 1300, resumed in eve."
18 to 30 Es KTWO-2 KTEW-2 KLNB-3 WOW-6 WDAY-6 KRMA-6 KOA-4 KWGN-2 KID-3 KYCU-5 KUSN-3 Miles City MT, KOAA-5 KCMO-5 WCTV-6 "& others—Florida seen often, also Texas, Kansas, Missouri, Oklahoma frequently."

July
1 Es "Very good skip day south & west 0900-1400—then evening again."
Tr "Super opening— CFCF-12 Montreal PQ, CHNB-4 CK30-5 CJONB-8 Cornwall, CBOFT-9 & CJOB-13 Ottawa Ont, CKWS-11 WMTW-8 Portland ME (xmtr on Mt Washington NH), KSDL-30 St Louis MO, WICD-15 WEEK-25 WNBD-31 WUTR-20 W50AA-50 Watertown NY, WCNY-24 WAND-17 WLFI-18 KUHI-16 Joplin MO, KCAK-21 Springfield MO, WRAU-19 also all South Bend,Ft Wayne,Detroit, Toledo,Elmira,Scranton,Binghamton UHFers plus: WBGU-57 WUHQ-41 WNED-40 WDCA-20 & others—many translators."
2 to 8 Es "Some scattered E-skip on all days but not much above channel 5. Channels 2 & 3 most frequent—generally 1000-1200, then evening—short duration skip."
5 Tr "Great opening: WOPC-38 Altoona PA, WDCA-20 WPGH-53 WOUB-20 WHIZ-18 WTAP-15 WOUC-44 WNBO-45 WEDR-38 WKJG-46 WKPT-19 WLFI-18 & many others; solid signals."
6 "Another good opening: WKOW-27 WCMU-14(rare—snow free) WUHQ-41 WMSH-46 WSJV-28 WSBT-22 WANE-15 WICD-15 WTAP-15 WMTV-15(tentative) WKAR-23 WEYI-25(rec'd almost daily) WKJG-33 WPTA-21 WNED-31 WNBO-45 WMID-46(west—not WMSH-46)"(the only possibility in that direction would be the new high-power RTV in Ft Dodge, IA; does anyone know if they're testing yet? -bt)
7 WUTR-20 W50AA-50 WUHQ-41 WDCA-20 WICZ-40 WENY-36 WDAU-22 WBRB-28 WSYR-18 WBJA-34
8 WUHQ-41 WEYI-25 WUTR-20 WDCA-20 "and 5 Connecticut U's (one on 65?)" (That would be WEDY-65 New Haven, Bob. They have an ERP not much more powerful than that of an average 100 watt translator. A super catch, even for you! -bt)

Also seen in the July 1 to 8 period: WOTU-29 WTOG-4 and WWTV-9 "on one occasion. Log now 659."

Don Grugnali VE3HLC Box 151 Ancaster, Ontario L9G 3L4 (GMT) (EDT 4 hrs)

June
8 Es 1330 WMSH-2 Daytona Bch (970)
9 0000 KOTA-3 Rapid City (1150)
10 Tr 0200 WJW-8 Cleveland OH (150)
15 Es 0200 KUSD-2 Vermillion SD (845)
17 Tr 1400 WSYR-3 Syracuse NY (190)
18 Es 1500 KETS-2 LittleRock AR (870)
KNCK-2 N Platte NE (1060)
1600 KFLO-6 Helimoe SD (980)
18 Es 1700 KDCH-4 Hay Springs (1060)
2100 KCKT-2 Ot Bend KS (1025)
21 1500 WDBO-6 Orlando FL (1010)
1600 WDIQ-2 Dozier AL (870)
24 Tr 1500 WNYT-7 Watertown NY (205)
26 Es 1630 KTVI-2 St Louis MO (620)
1700 KARD-3 Wichita KS (965)
1730 KQTV-2 St Joseph MO (800)

Tony Ward RR4 Guelph, Ontario N1H 6J1 519/824-1918 (EDT)

June

8 Ms 1145 WCBD-2 WESH-2 WPBT-2
WSAV-3 WCIV-4 WTVJ-4
to WPTV-5 "all IDed. Skip
1230 to 93 mc/s."
1300 KPRC-2 WBRZ-2 KBTX-3
KMOL-4 KJAC-4
2230 KDIX-2 CKCK-2 WBRZ-2
WMAB-2 "all IDed in one minute. Note: Joel noted skip ended 2210 in Toronto 45 mi E, 600' lower."
2301 KMID-2 Midland TX
9 1830 WPBT-2 WBRZ-2
10 Tr 0730 "N OH strong, WKBD xltrs on 26, 46, 73, 81, 82"
0815 WJEL-19 Johnstown "20kc offset on CICO but didn't break thru for logging"
Es 0930 CKCK-2 Regina Sask (1240)
12 1820 WPBT-2 Miami FL (1250)
13 MS? 1323 KDKA-2 Pittsburgh PA (220) "blasted in for 15 secs"
14 Es 1930 KMGN-2 Denver CO (1290)
2200 KUSD-2 Vermillion SD (845)
2222 KOTA-3 Rapid City (1135)
16 1920 WBRZ-2 WCBD-2
17 0925 WPBT-2 Miami FL (1250)
1000 WSDU-3 Tampa FL (1120)
1400 CKCW-2 Moncton NB (765)
1730 WPBT-2 WBRZ-2
2200 KFRC-2 KBTX-3 KMOL-4
18 0725 WBRZ-2 Baton Rouge "s/on"
WSDU-3 WMAB-2 "TP"
0745 KRIS-6 Corpus C TX (1470)
0750 WDSU-6 New Orleans (1110)
0755 WAMG-6 Greenwood MS (895)
0830 WCBI-4 Columbus MS (840)
0900 KALB-5 Alexandria (1095)
1030 KTVC-6 Ensign KS (1115)
WCTV-6 Thomasville (925)
1100 KYCU-5 Cheyenne WY (1255)
1200 (KCOW)-5 Mitchell SD (880)
KFLO-6 Reliance SD (965)
1230 KDUH-4 Hay Springs (1130)
1255 WDAF-4 Kansas City (805)
1400 KTVS-3 KTWO-2 KOA-4
1500 KTBS-3 CKCK-2 KOTA-3
to KTBW-2 KCKT-2 KLRR-3
1900 KMGN-2 KMUP-2 KOA-4
19 0815 WSB-2 Atlanta GA (735)
0900 WBRZ-2 Baton Rouge LA
0920 Miami-2 KTBS-3 KJAC-4
1740 KLNB-3 KTVS-3
Tr 2215 WBGU-57 BowlingGreen(260)
20 Es 1200 WESH-2 WSDU-3 WSAV-3 & WBAR-3 to 1300
1200 WJXT-4 Jacksonville (945)
1201 WUFT-5 Gainesville (990)
21 0900 unID 2-5 FL
1037 XCR-6 Havana CUBA (1505)
21 Es 1040 WCIX-6 Miami FL (1040)
1300 KFFS-2 Conway AR (900)
22 1300 WBRZ-2 KATC-3 KJAC-4
24 0930 WESH-2 WPBT-2
0937 (unID)-3 "Cuba??"

July

2 Tr 0740 "UHF OH to WTAP-15(WV), NE PA, E NY
WOKR-13 Rochester NY
"thru 25 mile CKCO-13"
0745 CKWS-11 Kingston Ont (190)
0750 CKNY-10 NorthBay Ont (185)
0800 WNMP-10 SltSteMarie (290)
Es 1205 WSB-2 Atlanta GA (735)
3 1800 WESH-2 Daytona Bch (1030)
1820 CHAU-5 Carleton PQ (830)
1828 CKCW-2 Moncton NB (765)
1900 CBGAT4-2 Mont-Louis PQ (850 mi) "Perfect slide ID for 1 minute. So stunned at sight of 5 watt transmitter with 5055 signal, forgot camera! Only CBGAT transmitter listed in DOT maps & CRTC 1975 listings. 9 offset on WGR-2, video again (weaker) at 1930."
2000 KMID-2 Midland TX (1445)
2030 KOSW-3 Portales NM (1380)
4 Tr 0721 WTPA-27 Harrisburg (285)
0744 WLYH-15 Lebanon PA (295)
0810 W64AM-64 Susquehanna (260)
0819 W73??-73 "10kc offset & 10° N or S of Arcade. (Very likely W73AC at Clarks Summit PA -bt) Opening strong to E & SE then strengthened very selectively to S & SW. WOHQ-41 strong, WCMB-14 good, WNKD xltrs on 26, 46,56,72,73,80,81(2),82"
Es 0920 CKCW-2 Moncton NB (765)
CJCH6-6 Caledonia NS (760)
1058 CBGAT4-2 Mont-Louis PQ "Exercise pgm in French, then 1 min ID. Photo of slide ID this time!"
1245 CKCK-2 Regina Sask (1240)
1300 CJAY-4 Brandon Man (985)
1302 CKOS-3 Yorkton Sask (1105)
1321 CBWFK-3 Winnipeg Man (915)
1330 KOTA-3 Rapid City (1135)
1400 CFQC-3 Strearser Sask (1380)
1409 KTVS-2 Billings MT (1395)
5 Tr 0638 WTAE-4 Pittsburgh PA (220)
Es 1100 KQTV-2 St Joseph MO (800)
1130 KARD-3 Wichita KS (990)
1200 KDFW-4 TX, KTVS-3
6 1000 KCKT-2 Gt Bend KS (1035)

"As for Es, I would note seeing CBGAT4-2 with its 5 watt transmitter 3 times & getting a polaroid of the ID among my all-time DX thrills. I will rephoto my print for better contrast & send it in some day. Total now 213 (84 since April) plus 1004 on FM also. I am home most days writing my PhD dissertation so easy to keep tabs."

CENTRAL TV-DX

W[illegible] J. Draeb
Ellis St. Rt.#2
Kewaunce, Wi.
54216

Deadline: 12th

Lots of Es durin, the past month. Most openings were hard pressed to get past ch.4 on the muf though. Yours truly did manage to snag two new ones though. Trops still not up to par here but show signs of improvement.

<u>Richard Peary: Apt. 5A, 1914 University, Tuscaloosa, Al. 35401 CDT</u>

6-22 Es 1100 KWGN-2 Denver, Co.
KOA-4 " "
6-22 Es 1130 KYCU-5 Cheyenne, Wy.

"After a year of trying to get DX through CATV interference I finally got some good E-skip. There was some good skip on FM but couldn't i.d. any of them." (Thanks for the report Richard. I hope the CATV interference doesn't bug you too much. I, fortunately, am not plagued with that kind of problem.-wd)

<u>Robert Zent: 1835 Fruit, Huntington, In. 46750 EST</u>

"This will be my first report. I've been DXing for almost five years and have been a member of WTFDA for a little over a year. Besides TV and FM, I also like to DX the AM broadcast band. My equipment includes a Winegard GW-1001 antenna with a BT American 75 pre-amp, at about 50 feet, connected to a Sony Trinitron color receiver.

This report covers 6-8-75 to 7-1-75 and time is EST. June has been a fantastic month for E-skip here as I had 9 new loggings, chiefly on 6-18 and 6-22. MUF reached at least 103.7 on the 18th and at least 96.3 on the 28th."

6-8 Es 1300 KATC-3 Lafayette, La.(830)
KPRC-2 Houston, Tx.(960)
6-9 Tr 0558 WLEX-18 Lexington(210)
0559 WKYT-27 " "(s/on)
6-17 Es 1520 WPBT-2 Miami, Fl.(1100)
1530 WTVJ-4 " " "
6-18 Es 1630 KMID-2 Midland, Tx.(1150)
1800 " (vy strong; like local)
1830 KENS-5 San Antonio(1120)
KOOL-4 " "
1900 WKY-4 Oklahoma City(780)
6-21 Es 1600 KWGN-2 Denver, Co.(1050)
1630 KOA-4 " " "
6-22 Es 1000 KMID-2 Midland(1150)
6-22 Es 1050 KAMR-4 Amarillo(1000)
1130 KOAA-5 Pueblo, Co.(1060)
1200 KWGN-2 Denver, Co.(1050)
1230 KOOL-4 San Antonio(1120)
KENS-5 " " "
1244 KIII-3 Corpus Christi(1175)
6-24 Es 1015 WTHS-2 Miami(1100)
6-28 Es 1130 WPBT-2 Miami(1100)
1500 WTVJ-4 " "
(both 2&4 strong during p.m.)
1600 WESH-2 Daytona Bch(860)
(audio only)
2000 KWGN-2 Denver(1050)
Tr 2240 WTVO-17 Rockford(210)
7-1 Es 1900 KDUH-4 Hay Springs(950)
1930 KENW-3 Portales, N.M.(1100)

Thanks for the report Robert. Hope we hear from you again soon.--wd.

<u>Chuck & Scott Sampson: 1025 14 Ave. A, Orion, Il. (309)-526-8265 CDT</u>

6-15 Es KMID-2 Midland, Tx. at 1730
6-16 Tr KTVI-2 St. Louis, Mo. at 2200
6-17 Es 2135 WGBH-2 Boston, Ma.
2145 WTHS-2 Miami, Fl.
6-18 Es 0800 WCBD-2 Charleston, S.C.
1028 KTVQ-2 Billings, Mt.
1100 <u>KNOP-2</u> N.Platte, Ne.
1230 KTWO-2 Casper, Wy.
1302 KOTA-3 Rapid City, S.D.
1335 CKCK-2 Regina, Sask.
1400 KTVQ-2 Billings, Mt.
KRTV-3 Great Falls [illegible]
1547 Unided ch.2; audio was "You can trust [illegible] [illegible]tist (?) and channel two..."
1555 KPRC-2 Houston, Tx.
1600 <u>KENW-3</u> Portales, N.M.
1605 WBRZ-2 Baton Rouge, La.
1640 KPRC-2 (again).
1700 <u>KBTX-3</u> Bryan, Tx.
6-18 Es 1730 Unided ch.2; thought I heard the call "KDIC-TV"; not listed.
1800 KWGN-2 Denver, Co.
1801 Unided-3; "TV 3 News"; one report gave the location; "Judice".
1830 <u>KATC-3</u> Lafayette, La.
<u>KIII-3</u> Corpus Christi, Tx.
1831 <u>KRGV-5</u> Weslaco, Tx.
Unided-5; "$25,000 Pyramid"
1840 Unided-6; 10kc off WDC.
6-20 Es 1130 WTHS-2 Miami, Fl.
1200 WESH-2 Daytona Beach, Fl.
Tr 1840 with indoor ant; WREX, WILL, KIIN, WGEM, WICD, WAND, WTVO, WRAU, WHA, WCEE, WEEK, WCIU, WMBD, KRIN, WSNS, WTVP.
1905 WKOW-27 Madison, Wi.
WMTV-15 " "

Sampson Brothers; continued—

6-21 Es 1000 WEDU-3 Tampa, Fl.
1010 WESH-2 Daytona Beach
1012 WPBT-2 Miami, Fl.
1130 KIII-3 Corpus Christi
KMID-2 Midland
1200 WUND-2 Columbia, N.C.
1315 KENW-3 Portales
Tr WBBM-2 Chicago
1015-1130 Unideds ch.5; one had the program "Villa Allegro".
1500 KAHD-3 Wichita, Ks.
6-24 Tr 2200 K7ACO Ottumwa, Ia.
6-25 Es 1210 WLBZ-2 Bangor, Me.(state34)
1235 CBFT-2 Montreal, P.Q.
WKTV-2 Utica, N.Y.
1330 WFMY-2 Greensboro, N.C.
Tr 1400 WBBM-2 Chicago, Il.
6-26 Es 1230 CBFT-2 Montreal, P.Q.
WGR-2 Buffalo, N.Y.
1334 WGBH-2 Boston, Ma.
1513 CKCK-2 Regina, Sask.
6-29 Es 1530 KWGN-2 Denver, Co.
1649 CKCK-2 Regina, Sask.
1653 Unideds on ch.3; horse races, Heywood Hale Broun interview, tennis, and women's golf from Toronto.
1658 ch.3; commercial for "All Around the Circle" show.
1728 KTVQ-2 Billings, Mt.
1730 KRTV-3 Great Falls, Mt.
1800 WESH-2 Daytona Beach
Unided ch.2; CBC.
1900 WPBT-2 Miami, Fl.

6-30 Es 1800 KPRC-2 Houston, Tx.
KMID-2 Midland, Tx.
KRGV-5 Weslaco, Tx.
KIII-3 Corpus Christi, Tx.
1817 Unided ch.5; delayed NBC News; other unided 5 had "Hollywood Squares".
1820 KATC-3 Lafayette, La.
1900 KENS-5 San Antonio, Tx.
1930 WGBH-2 Boston, Ma.
Unided ch.2; Mexican TV, began programming at 2000.
7-2 Tr 0905 KSIN-27 Sioux City, Ia.
0905-0930 Mis. U's all strong.
7-3 Es 1130 KPRC-2 Houston, Tx.
Unided ch.3; ID slide; "TV3 Part of your Life" ; CBS.
1229 WLBT-3 Jackson, Ms.
1300 KIII-3 Corpus Christi, Tx.
7-4 Es 0930 Unided ch.2; audio; This is ATV, serving Uganda, Nova Scotia, and New Brunswick.
CJBR-3 Rimouski, P.Q.
1030 CBFT-2 Montreal, P.Q.
1200 CKCK-2 Regina, Sask.
1230 KTVQ-2 Billings, Mt.

"This reporting interval was even more productive than the last one, as E-skip was constantly in, only 5 days having no activity. In under 3 weeks we've added 17 new stations, 3 new states, moving the log to 214 as of today. Several times the MUF has gone all the way to ch. 6. We still got only 2 channel 5's from Texas, though, since we have locals on 4, 6, & 8."

R. Mike Brewer; 26630 Mill Rd., Frazeysburg(Knox Co.), Oh. 43822 EDT

6-1 Es 1900 WEDU-3 Tampa, Fl.
Miami on chs.2&4
1901 XCB-3 Santa Clara, Cuba
6-2 Es 1200 KACB-3 San Angelo, Tx.
1230 KBTX-3 Bryan, Tx.
1300 KPRC-2 Houston, Tx.
KIII-3 Corpus Christi
6-9 Es 1900 WBRZ-2 Baton Rouge
1929 KATC-3 Lafayette, La.
2008 KPRC-2 Houston, Tx.
6-13 Es 2353 " " "
6-14 Es 0030 KENW-3 Portales, N.M.
0130 KPRC-2 Houston
6-16 Es 1600 WBRZ-2 Baton Rouge
KALB-5 Alexandria, La.
1628 KATC-3 Lafayette, La.
6-17 Tr 0237 WBEN-4 Buffalo, N.Y.
Es 1446 XCB-2 Havanna, Cuba
6-18 Es 1630 KNOP-2 N.Platte, Ne.
1702 KTAL-6 Shreveport, La.
1726 KMOL-4 San Antonio, Tx.

6-18 Es 1800 KMID-2 Midland, Tx.
1832 WMAB-2 State College, Ms. T
1900 KTXX-5 Lubbock, Tx.
1922 KTAS-5 Ft. Worth, Tx.
1932 KDFW-4 Dallas, Tx.
2000 WLBZ-2 Bangor, Me.
2200 KBTX-3 Bryan, Tx.?
KTBS-3 Shreveport, La.?
KETS-2 Little Rock, Ar.
6-19 Es 1800 KOTA-3 Rapid City, S.D.
KNOP-2 N. Platte, Ne.
6-20 Es 1255 KPRC-2 Houston, Tx.
1300 KATC-3 Lafayette, La.
WBRZ-2 Baton Rouge, La.
6-23 Tr 0131 CKCO-13 Kitchener, On.(225)
6-25 Es 2330 CBHT-3 Halifax, N.S.
2332 WLBZ-2 Bangor, Me.
6-26 Es 1358 KUSD-2 Vermillion, S.D.
1400 WCCO-4 Minneapolis, Mn.
6-28 Es 2030 KOTA-3 Rapid City, S.D.
6-30 Es 2000 KMID-2 Midland, Tx.
2200 KBTX-3 Bryan, Tx.

"Tropo here almost zero. Log now 210."

Donald B. Ruland; 4448 68th Place, Kenosha, Wi. 53140 CDT

6-13 Es 1625 KIII-3 Corpus Christi(1160)
6-18 Tr 0559 WAKR-23 Akron(340)
0630 Youngstown U's(380)
Es 0659 WESH-2 Daytona Bch(1020)

6-18 Es 0700 WSAV-3 Savannah(830)
1715 KPRC-2 Houston(980)
1725 KENS-5 San Antonio(1090)
1800 KRIS-6 Corpus Christi(1160)

Ruland; continued---

6-18 Es 1806 K..X-3 Bryan(930)
2100 W.JU-3 Tampa(1070)
6-21 Tr 0540 W..S-11 Louisville(330)
0630 W.IX-19 Cincinnati(300)
0900 W..X-18 Lexington(360)
W..T-27 " "
WKLE-46 " "
W.ON-52 C...nton(330)
WVIZ-25 Cleveland(330)
6-22 Ms 0545 WSB-2 Atlanta(640)
Tr 0610 W..S-11 Louisville(330)
0612 WKTV-33 Youngstown(380)
6-22 Tr 0612 W...-43 Lorain(310)
0630 W.IX-19 Cincinnati(300)
W..Y-32 Louisville(330)
0640 W..P-10 Soo St. Marie(330)
0650 W..T-25 Evansville(320)
6-25 Es 2200 ... Pr..ce.. Cap... c..3
6-29 Tr 0655 W.V.-7 ...sville(320)
...-25 " "
0658 W..Y-32 Louisville(330)
0700 W..R-23 Akron(340)
0805 W...-43 Lorain(310)

Log at 377.

"Early report this time ...ill ... on vacation till 7-1, so I ... the big tropo ... will occur this year."(so far you ... much-wd)

Michael Hogan: 4811 Euclid Ave., E.Chicago, In. 46312 EST-EDT?

"Here is what I ... to ... reports to your column as I ... in my 2nd year in WTFDA."

5-27 Es 1300 WEDU-3 Tampa, Fl.4454(1162) 6-18 Es 1430 KDUH-4 Hay Springs, Ne. 4444(860)

"Once my summer classes finish, I'll ... to DX the tropo which seem to be frequent here."(...-wd)

R.W. Lord: 4129 N. Bell Ave., Chicago, Il. 60618 CDT

5-25 Tr 1310 WTVS-56 Detroit 3325(235)
1815 WANE-15 Ft. Wayne 3435(140)
6-2 Tr 0015 WLUK-11 Green Bay 3323(180)
6-4 Tr 0915 WKJG-33 Ft. Wayne 4555(140)
0935 KRIN-32 Waterloo 3335(240)
6-8 Es 2100 KAMR-4 Amarillo(795) 4322
2115 KENW-3 Portales(1000) 2422
2129 KOB-4 Albuquerque 3222(1115)
2135 KMAB-4 Big Spring 2432(1025)
6-9 Tr 0110 WOC-6 Davenport, Ia.3044(150)
1130 KPLR-30 St. Louis 2234(265)
6-10 Tr 0130 WQAD-8 Moline 3322(1..5)
6-12 Tr 1420 WTIL-38 Terre Haute 2222(165)
6-13 Tr 0843 WLWI-13 Indianapolis ...(150)
6-14 Es 1815 K..-4 Denver 444(910)
6-15 Tr 2205 WILL-12 Urbana 2222(125)
6-17 Es 1200 WTVJ-4 Miami 3324(1195)
2040 WATC-3 Lafayette(845) 3323
Tr 2135 WCIA-3 Champaign(115) 3333
6-18 Es 1350 KOTA-3 Rapid City 4423(795)
1630 KMOL-4 San Antonio 4323(1055)
1730 KBTX-3 Bryan 4433(910)
6-18 Es 1730 KIII-3 Corpus Christi 3322(1120)
1830 KDFW-4 Dallas 1313(800)
6-22 Es 1100 KAMR-4 Amarillo 4422(865)
1200 KENW-3 Portales 4322(1000)
1330 KDBC-4 El Paso 3322(1235)
6-30 Tr 0040 WEAU-13 Eau Claire 3445 (270)
7-1 Es 1930 KID-3 Idaho Falls2322 (1225)
2040 CFRN-3 Edmonton2333(?)
2134 KTVS-3 Sterling3322(800)
7-2 Tr 0510 WTOL-11 Toledo3334(210)
0520 WXYZ-7 Detroit 2334(235)
0540 KCRG-9 Cedar Rapids2435 (205)
7-4 Tr 0300 KWWL-7 Waterloo2324(240)
0400 WEAU-13 Eau Claire3333
0445 WTWO-2 Terre Haute2322
0500 WILX-10 Onondaga3333(165)
2200 KROC-10 Rochester2322 (280)
2215 WTHI-10 Terre Haute3333
2300 WFYI-20 Indianapolis2334
2305 WLFI-18 Lafayette2324 (110)
2335 WHMB-40 Indianapolis3433

All stations reported are new with the exception of KAMR-4 & KENW-3 on 6-22 and WEAU-13 on 7-4---wd.

Frank Wheeler: 6589 Wattsburg Rd., Erie, Pa. 16509 EDT

6-2 Es 0959 KJAC-4 Tx. 3422(1124)
2228 CKCK-2 Sask. 4433(1372)
0928 WKY-4 Ok. 4411(1040)
6-5 Es 1922 KQTV-2 Mo. 5444(779)
1923 KARD-3 Ks. 4444(953)
1928 KHOP-2 Ne. 4422(1066)
6-8 Es 2158 KWGN-2 Co. 3422(1292)
6-14 Es 1858 KOA-4 Co. 4433(1292)
1900 KWGN-2 Co. " "
2230 KDIX-2 N.D." (1169)
6-16 Es 1530 WBAB-2 Ks. " (840)
1600 WBRZ-2 La. " (1020)
6-18 Es 0718 " " " "
0726 KCKT-2 Ks. " (1015)
0728 KTBS-3 La. " (1005)
0742 KJAC-4 Tx. 4422(1124)
6-18 Es 0745 WABG-6 Ms. 3322 (825)
0755 KAUZ-6 Tx. 4422 (1114)
0757 KTVC-6 Ks. 4433 (1157)
0812 KTEW-2 Ok. 4422 (943)
0825 KENS-5 Tx. " (1363)
0830 KOCO-5 Ok. " (1040)
0846 KOTV-6 Ok. " (943)
1600 K...-2 Ok. " "
1229 KOTA-3 S.D. " (1169)
1700 K..L-2 Ne. " (1016)
1701 KTVS-3 Co. " (1188)
1702 KCKT-2 Ks. " (1015)
1730 KOA-4 Co. " (1292)
6-19 Es 0600 W..Z-2 La. 3422 (1020)
0900 KATC-3 La. 4544 (1056)
0927 KJAC-4 Tx. 3422 (1124)
0829 KPRC-2 Tx. " (1210)

Wheeler; continued---

6-19 Es 1729 KNOP-2 Ne. 4422 (1066)
1730 KTVS-3 Co. " (1188)
1830 KYCU-5 Wy. " (1272)
6-26 Es 0001 KOTA-3 S.D. 4432(1169)
0029 KGFE-2 N.D. 4433(917)
1238 WDAF-4 Mo. " (779)
1200 KCKT-2 Ks. " (1015)
6-26 Es 1229 KARD-3 Ks. 4444 (953)
1258 KSTV-2 Mo. 4422 (779)
1300 KLNE-3 Ne. " (1016)
1315 KDUH-4 Ne. 4433 (1138)
1324 KHAS-5 Ne. 5511 (946)
6-28 Es 1900 KLNE-3 Ne. 4433 (1016)
1911 KLAS-5 Ne. " (946)

Log tatals: 255 rec., 209 verified.

Marvin Shults; R.R.#1, Toulon, Il. 61483 CDT

6-3 Es 2300 Unideds on chs.2,3&5.
6-4 Tr 1300 KDLR-10 Mo.
KYTV-3 Springfield, Mo.
Es 2135 Unideds ch.2 & 5.
6-5 Es 1859 KOAI-2 Flagstaff, Az.
Tr 0759 WLUK-11 Green Bay, Wi.
6-8 Es 1959 KWGN-2 Denver, Co.
KHEX-5 Grand Junction, Co.
2030 XYZ-5? seems to be CBS; received also at 1959 KSL??, 3 letter call, sure it said XYZ.
2059 KUTV-2 Salt Lake City ("Newswatch 2")
2100 KENW-3 Portales T (2050, Va. State Board of Educ. film)
2110 KNME-5 Albuquerque, N.M. ("Firing Line")
2200 Unided ch.3; PBS 20khz off KTVO.
6-13 Es 1300 X--- -3; ad for Esmeralda ; lunes a Viernes.
1305 KMID-2 Midland, Tx.
1529 KRGV-5 Weslaco, Tx.
1530 KPRC-2 Houston, Tx.
KIII-2 Corpus Christi
2000 WPBT-2 Miami
6-16 Es 1305 WTHS-2 " 4444 w/tp showing WLBN-17, KTB-84 & KTB-85.
1305 WSAV-3 Savannah Tent.
1325 Unided ch.3; Cuban tp; zero beat with WCIA; also WTHS.
1601 ICR6-3 Santa Clara, Cuba ICR tp; beleive Santa Clara ch.3 to be + offset.(The WTFDA Station Guide says they're ø.--wd)
1630 WEDU-3 Tampa, Fl.
1710 WESH-2 Daytona Beach3544
2130 WEDU-3, WPBT-2, WESH-2
2159 WTVJ-4 Miami, Fl.
6-17 Es 1305 WPTV-5 Palm Beach
1329 WESH-2, WPBT-2.
1330 WCTV-6 Thomasville T
1359 ICR6-3 Santa Clara
1459 WCIX-6 Miami, Fl.(also listed 61, 64, 69)
1500 WUFT-5 Gainesville, Fl.
WEDU-3 Tampa, Fl.
1530 WTVJ-4 Miami, Fl.(Merv Griffin)
1633 ICR6-3 Cuba; until 1645.
2130 Unided-2; 10khz to KTVI.
6-18 Es 0729 WFMY-2 Greensboro
WCBD-2 Charleston
WCIV-4 "
WCSC-5 "
0759 WCIX-6 Miami, Fl.; ad for "Fran Carleton Show".
0800 WTAR-3 Norfolk(first time on Es)
0830 WSAV-3 Savannah, Ga.
0830-0900 WTAR-3; "Dick Lamb Show"
6-18 Es 0859 WOND-2 Columbia (UNC-TV net)
1100 KTWO-2 Casper, Wy.
KUTV-2 Salt Lake City, Ut.
1200 KWGN-2 Denver, Co.
1630 WEAR-3 Pensacola, Fl. ("Perry Mason")
1659 WPBT-2 Miami, Fl.
KPRC-2 Houston("Merv Griffin"
1700 ch.4; Cuban tp Tent.
1718 KJAC-4 Port Arthur
1729 KRGV-5 Weslaco
1730 KIII-3 Corpus Christi
1800 Unided-6; "Pro 6 News"; + offset.
1805 KENS-5 San Antonio
1859 KMOL-4 " "
1900 KBTX-3 Bryan
KIII-3 Corpus Christi
2000 KPRC-2 Houston
KBTX-3 Bryan(--tonight on TX Television--)
6-19 Tr 0540 KMBC-9 Kansas City
Es 0808 WPTV-5 Palm Beach
0810 WUFT-5 Gainesville
WESH-2 Daytona Beach
Tr 0829 WTVW-7 Evansville
Es 1010 WTHS-2 Miami(bi-lingual childrens tv)
6-20 Es 1305 WBRZ-2 Baton Rouge
6-21 Es 1200 KMID-2 Midland
1300 WCBS-2 New York
1645 KWGN-2 Denver("The Avengers"
6-22 Es 0759 XEFB-3 Monterrey
0829 KPRC-2 Houston
0830 KIII-3 Corpus Christi
0859 KENS-5 San Antonio
0900 KMID-2 Midland
0959 KOAI-2 Flagstaff, Az.(3/4 c.b.& s/on)
1000 KAUZ-6 Wichita Falls
1030 KRGV-5 Weslaco
KAVE-6 Carlesbad, N.M.
1100 KOAI-2 Flagstaff
KMID-2 Midland
XEFB-3 Monterrey
1130 KOAA-5 Pueblo, Co.
1135 KIII-3 Corpus Christi
1200 KREX-5 Grand Junction
1230 KOA-4 Denver
1245 KSL-5 Salt Lake City
1617 KMID-2 Midland
1630 KSL-5 Salt Lake City(talent show)
1632 KID-3 Idaho Falls
1659 KWGN-2 Denver, co.
1700 KUTV-2 Salt Lake City
6-25 Es2135 WLBZ-2 Bangor
2215 Unideds ch.3; one French.
2233 KOAI-2 Flagstaff, Az.
6-26 Es KPRC-2 @ 1000; 3113

Shults; continued---
6-26 Es 1030 WCBS-3 N.Y., N.Y. 3232
1100 KYW-3 Philadelphia
WFSB-3 Hartford, Ct.
1107 WPSX-3 Clearfield T (test pattern)
1120 WNEW-5 N.Y. 4433(...ay: ...; ...alton Mirror ...bris ... 217-349-4050)
1130 WNBC-4 N.Y. Test.
WCVB-5 Boston
1140 WJAR-6 Providence, R.I.(state41)
1229 Unided-2; Magazine, w/black announcer.
1241 CKGN-2 Bancroft, Ont.(Global at bottom of 3/4 c.b. w/digital clock)
1300 Unided-2 French
1330 WFSB-3 Hartford, Ct.
1331 WGBH-2 Boston(tp)
1629 KDIX-2 Dickinson, N.D.
6-28 Es 1130 WEAR-3 Pensacola
WDIQ-2 Dozier, Al. T(Electric... Co.; not Miami)
1158 ICR-2 Havana, Cuba
1200 WEDU-3 Tampa, Fl.
1300 WTHS-2 Miami, Fl.
1305 WESH-2 Daytona Beach
1500 WCBD-2 Charleston(Wagon Train from 1400-1500)
1535 KWGN-2 Denver(The Avengers; 1600-1700)
1800 WPBT-2 Miami
1830 WESH-2 Daytona Beach

6-30 Tr 0959 KDZY-21(I thought they were ...) Test.
Es 1000 WTHS-2 Miami
1630 WBRZ-2 Baton Rouge
1650 KPRC-2 Houston
1659 KATC-3 Lafayette, La.
1718 KRGV-5 Weslaco
1808 KRIS-6 Corpus Christi (Pro 6 ... with Jim Pratt)
1809 KGBT-4 Harlingen
2030 ...-5 San Antonio
2059 ...-3 Portales
2100 KDBC-4 El Paso, Tx.
2105 ...5; Full c.b.; ...
2117 XEJ-5 Ciudad Juarez, N.L. (local news; Mexican stat 73)
2127 KMID-2 Midland
2129 KAVE-6 Carlsbad, N.M.
2145 K...E-5 Albuquerque T
2200 ...-2 Ciudad Juarez T
7-1 Ms 0425 WSYR-3 Syracuse T
Es 0746 WTHS-2 Miami
0825 KPRC-2 Houston
1100 WESH-2 Daytona Beach
1829 KID-3 Idaho Falls
1830 KTVQ-2 Billings, Mt.
1859 KFBB-5 Great Falls, Mt.
1900 Unideds on ch.6 to NW; one + and one - offset.
1930 KTWO-2 Casper, Wy.
2100 KWGN-2 Denver, Co.
Total now at: 333

"June has been a truly fantastic Es month. At least 18 days in June had Es. The Es signals have been consistently very strong during most of June. At many times I have been able to null out local local 4 & 6 with comparative ease. I have ... several stations ... interference such as WBRZ Baton Rouge and WESH (they almost always do). One new U.S. state, 1 new Mexican Estado, and 8 new stations bring log total to 333."

Jim Gould; R.R.#3, Kokomo, In. 46801 (317)-452-9525 EST-CDT

6-4 Tr WKGE-28 Pa. 0310(550) T 1900
6-5 Es KMID-2 Tx. 5533(1067) 1720
6-8 Es 1340 Unided ch.6 S.W.
1345 KODL-4 Tx. 5010(1075)
1930 KTVS-3 Co. 5343(886)
KOA-4 Co. 5010(1000)
Tr 2110 KOLR-10 Mo. 3531(445)
2117 WAAY-31 Al. 4524(410).
2130 WMSL-48 Al. 3534 "
6-9 Tr 0555 WHO-13 Ia. 3543(390)
6-13 Es 2030 Unideds to West.
2110 KNME-5 N.M. 5512(1173) T

"Es continued to the West till about 1300 of the 14th; was busy building dx receiver, so I didn't see many id's. KOLR-10 was in and out all night."

6-15 Es 0900 KATC-3 La. 4312(793) T
6-16 Es 1755 XHY-3 Yuc. 5523(1350)
Ms snow free 5 sec. burst on ch. 10 to West.
6-17 Es 1715 XHD-4 Tam... 5511(1170)
Unid-2; ... to ... as XHD.
2Es 1720 ...-5 Ver. 55..(1...+)
Es 1722 ...-5 D.F. 15..(1..0)

"...... ... ... It looks like a ".... ...". 20 c apart; also carried a Japanese type movie that showed Japanese sub-titles. May have been part of ... program.

6-17 Es 1722 audio on ch.3 unided; "2" network ... higher than U.S. audio ch.5 stations(XHGC-XHAJ) ... indicated break as "5"."
1730 KIII-3 Tx. 5511(1102)
1732 XHFB-3 N.L. " (1312)
Multiple Spanish stations on chs3,4&5.
1740 XHAE-5 Coah.4511(1350)
"XHAE ... unid-3, "2" net., ... high audio. The ch.4 station appears to ... ..."
1925 XHAJ-5 still coming in weakly; it must be via a single hop plus good tropo down in the Gulf.
1930 KENS-5 Tx. 4532(1065)
("While I'm thinking of it, WFYI-20 Indianapolis has gone to ... tower, ... I believe, higher ... Their coverage area has increased considerably, and now ... overload of my CHAU-6 in that direction also. Midwest dxers should see WFYI much more frequently.")
6-18 Es 0653 KXJB-4 N.D. 5020(685)
0655 WDAY-6 N.D. " "
0658 KFYR-5 N.D. 5512(842)
Unid-color bars on chs.2&3.
0750 CKOS-3 Sask. 5533(1075)
1715 Intense Es to ch.6; Tx.toCo.
1800 KOAA-5 Co. 5533(1000)
1900 KTXK-5 Tx. 5533(988)

PHOTO-NEWS

Jim Alexander
8 Court Knolls
New Hartford
New York 13413

August 1975

This month's column contains two types of unusual photos. Let's get started with the first -- test patterns from both of Cuba's TV networks...

ICR-TV-6 Havana, Cuba (ex-CMQ)
1370 mile Es 6/17/75 (PG)

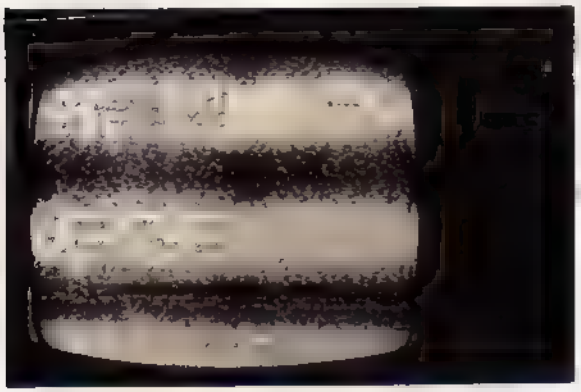
Telerebelde-3 (?) Holguin, Cuba (ex-CMKJ)
Es January 30, 1975 (JG)

To the left is the test pattern used by the ICR network in Cuba. This network's ID slide has appeared previously in the VUD (see Dec. '74 VUD, page 29). For details of the network's stations, see Ken Simon's list on page 39 of the July '74 VUD. If you've seen this test pattern, check the list to see which station(s) you've seen. To the right is what is suspected to be the Telerebelde network's test pattern. If you have seen this TP and know for sure what it is, Jim Gould (and your editor) would appreciate hearing what station it is. Telerebelde is Cuba's other TV network, and is also detailed in Ken Simon's list of Cuban television.

Now, what should be for many a first look at HIGH-BAND E-SKIP:

WJCT-7 Jacksonville, Fla
1,020 mile Es 1701 CST June 30, 1975 (GH)

WFLA-8 Tampa, Florida
1,085 mile Es 1649 CST June 30, 1975 (GH)



Identical-offset CCI on KETA-13 from WTVT-13 Tampa, Florida
1,085 mile Es 1719 CST June 30, 1975 (GH)

Clarke Ingram passes the word that the fifth photo in the European TV feature (January '75 VUD page 35) "is from Intervision, which of necessity must be the Polish side of the Russian network." Thanks, Clarke — you've now identified all six photos in that feature for us (For the other IDs see April '75 VUD, page 26).

MANY THANKS TO THIS MONTH'S CONTRIBUTORS FOR SOME REALLY SPECIAL PHOTOS:

PG = Paul Gaines, Detroit, Michigan

JG = Jim Gould, Kokomo, Indiana

GH = Glenn Hauser, Enid, Oklahoma

73 and good DX, Jim

Gould; continued---

6-18 Es 2028 KUTX-3 Tx. 5533(900)
KENS-5 Tx. 5534(1075)
6-19 Es 1730 KOIX-2 N.D. 5512(970)
1800 KNOP-2 Ne. 5511(760)
KOTA-3 S.D. 4211(940)
1857 KTWO-2 Wy. 5513(1090)
6-20 Tr 0647 KTWO-3 Id. 3041(330)
6-21 Es 0917 Difficult to pull Es through strong trops from Chicago, Milwaukee and Lower Michigan.
0930 KIII-3 Tx. 5532(1102)
There appears to be Es from Fl. on ch.6 but local signals from Indianapolis and Cincinnati too strong for id's.
1500 KAMB-4 Tx.(not KAMB-wd) 4532(931)
1545 KDAA-5 Co. 5533(1000)
1930 WTAR-3 Va. 4513(590)
Es West; no id's.
2000 WWAY-3 N.C. 5533(632)
6-22 Es 0825-0850 unideds to S;S.W.
0900 KRGV-5 Tx. 4423(1210)
0905 XEFB-3 N.L. 5522(1312) T
0910 KGBT-4 Tx. 5531(1230)
0930 KIII-3 Tx. 5020(1102)
1042 KWOL-4 Tx. 5010(1075)
1050 XHY-3 Yuc. 5533(1350)
1100 KOAA-5 Co. " (1000)
1100-1130 Possible Es on ch.7 to West.
1130 KOA-4 Co. 5532(1000)
KWGN-2 Co. " "
1300 KSL-5 Ut. 5534(1365)
1320 KUTV-2 Ut. 5521(")
6-22 Es 1330 KTWO-2 Wy. 5532(1090)
1400 KOB-4 N.M. 3222(1170)
1430 KID-3 Id. 5534 (1330)
1442 KDEC-4 Tx. El Paso, Tx.(1310)
1515 "Direct lightning hit on 12' [illegible] Ub & high and low band amps dead. Both UHF [illegible] still work, but don't [illegible] direction."
1700 "Motor [illegible] blown in UHF rotor control, [illegible] UHF rotor. [illegible] as [illegible] quantum [illegible] which would require partial disassembly of the tower to get to the antennas."
6-27 1930 "Replaced CMA-Ub & high and low band amps. UHF appears to be o.k. but VHF, while working, is not up to par. Signal levels are not as good as before lightning hit in comparision to old antenna."
6-28 Tr 0815 Vy strong sigs from Erie and Peoria.
0820 KBAA-41(thru WUHF) (450mi)
0822 KTSB-27 Ks. 4423(510)
Es 1215 KWGN-2 Co. (1000)
1550 Cuban palm tree tp.
1600 WPBT-2 Fl. (1090)
1925 KDLO-3 S.D.(628)
2000 KOTA-3 S.D.(940)
KTWO-2 Wy. (1090)
Tr 2320 WUTV-29 N.Y. 3544(410)
6-29 Tr 0100 WTVK-26 Tn. 2215(346)
0046 Unided-22; Global stn s/off; may have been Uxbridge if Cottam was off first."
6-30 Es to Tx., N.M. deep into FM;17-2300.

"Because most Es are usually snowfree with rapid fade characteristics, I have stopped listing the signal quality. Where it is of minor concern to me it will probably be easier for you to omit the 5555 from each Es logging. Because trops can and usually do have wide variations in signal quality, and it is indicative of the quality of the trops opening, I will continue to list the signal quality of trops signals.

VHF is still in poor shape from lightning strike; I would estimate about a 4-6db loss or its equivalent, in sensitivity. I replaced the Blond & Tongue hybrid splitter combiners used to combine the array and it helped the signal, but I lost the deep nulls off the main antenna lobe. The Channel Master hybrid splitter used is the chief suspect. I re-connected the lossy setup with the BT splitters to get the nulls back. Meanwhile, I am waiting a good 4-way splitter-combiner from CMCO, what they use to combine antennas. I'm not totally convinced that the problem(signal loss) is in the combiner, but I can't get to the antennas. I've made 5 trips up and down the tower and each time it takes me about an hour to get over the shakes. I hope I can get this thing fixed soon, with a minimum of climbing. I hope you fared better than I with trops thru June. It was a let down"(Not much in the way of trops up this way Jim. I can imagine your problem as I had similar ones and their not easy to fix. Good luck with fixing your setup; I'm sure you're going to need it.--ed.)

Paul Gaines; 15920 Puritan St., Detroit, Mi. 48227 EDT

6-17 Es 1327 CMQ-6 Cuba 3311(1370)
1534-1550 unideds chs.3&5.
6-18 Es 0915 WUFT-5 Fl. 2211(905)
0917 KYCU-5 Wy. " (1090)
0920-0921 Unideds chs.3&6.
0955 WJXU-3 Fl. 2411(1000)
6-18 Es 1025 KLAS-5 Nv. 2511(790)
1340 ch.5; "The Five Point News".
2100-2300 Unids chs.3&5 CBS, PBS, ABC.
6-19 Es 0938 KATC-3 La. 2511(970)

Gaines; continued---
6-19 Es 2145 Unid ch.3, ABC.
6-22 Es 1331 " " "
1347 KENS-5 Tx. 3511(1220)
6-26 Es 1158 KFDX-3 Tx. 4512(1000)
1300 KARD-3 Ks. 1511(810)
1400 KLNE-3 Ne. 4511(860)
1447 Unid-3; ABC
1557 KOTA-3 S.D. 3311(1010)
6-28 Es 1415 Unid-3; "Take The High Ground", war movie.
1541 WEDU-3 Fl. 4511(1000)
6-30 Es 0856 KATC-3 La. 2511(970)
0906 Unid-3; CBS(cdt)
0910 Unid-5; CBS(")
2223 Unid-3; ABC(edt)

7-1 Es 0955 WEAR-3 Fl. 1111(870)
Tr 2115 WJIM-3 Mi. 4511(305)
Es 2200 KOTA-3 S.D. 3111(1010)
? 2232 Unid-5; NBC(cdt)
7-3 Es 1220 KFDX-3 Tx. 4511(1000)
1310 KACB-3 Tx. 3511(1190)
1318 Unided-?ch.
7-5 Es 1105 Unid-3; NBC
1127 KTBS-3 La. 2511(905)
1203 Unid-5; NBC
1228 KENW-3 N.M. 2211(1200)
1229 Unid-3; CBS.
2120 Unid-3; ABC.

Total now: 171

Paul comments that Es has taken a vacation as of 7-5. None seen here since 7-9. He also sends along a nice clear Cuban "palm tree" test pattern as used by CMQ-6. Paul also sends along some interesting newspaper articles. One is about WGPR-62 which will begin programming next month. Another is about TV in South Africa which is now in the test stages. Regular programming will begin on Jan. 1. Another deals with a miniature "pocket tv" which could be taken anywhere and put in your pocket when not in use.

Thanks for all the info Paul.--wd.

Paul E. Petosky; 712 Brook St., Munising, Mi. 49862 (906)-387-4712 EDT

6-19 Tr 0140 CKSO-1-3 Elliot Lake(190)
0155 CKSO-5 Sudbury(280)
6-25 0135 WNEM-5 Bay City(240)
6-26 Es 0200 KCKT-2 Great Bend(835)
KARD-3 Wichita(805)
KSA-2???????
7-4 Es 1430 KTWO-2 Casper(990)
1530 CKCK-2 Regina(890)
7-5 Es 2031 WCBD-2 Charleston(1010)
2100 CFAC-2 Calgary(1295)
CFCN-4 " "

7-5 Tr WFLD-32 Chicago(315)@2235
WSNS-44 " " "
WCIU-26 " " "
WVTV-18 Milwaukee(235)"
7-6 Tr CKSO-5 Sudbury(280)@0230
Es 0232 WABI-5 Bangor(865)(first time via Es; received 64 by Es)
Tr 2220 WVTV-18 Milwaukee(235)
7-9 Es 0120 CKCK-2 Regina(890)
7-10 Es 0010 CKBQ-2 Melfort(910)(It must be nice with ch.2 wide open for dx--wd)

Here's some last minute Dx: 7-12 Es 1930 KWGN-2; 7-13 Tr 2235 WVTV-18; 2325 WOVC-35, WZZM-13.(The above report was received late and as a result I had to leave out the unideds and some of the comments Paul had; sorry Paul--wd)

R.J. Le Blanc; 2524 Arizona St., Marrero, La. 70072 CDT
The following report was also received late and lack of time forces me to edit it.--wd.

5-22 Es 1830 KDKA-2 Pa. 4332(930)
1959 KLNE-3 Ne. 3032(922)
2042 KWGN-2 Co. 4332(1000)
2157 CKVR-3 Ont. 1110miles.
5-25 Es 1259 WSYR-3 N.Y. 3233(1190)
1300 KDKA-2 Pa. 3232(930)
1346 WPSX-3 Pa. 4332(1007)
1428 WGR-2 N.Y. " (1098)
5-26 Es 1937 KCRA-3 Ca.3332(1900mi)
(verified)(DOUBLE HOP)
2000 KENW-3 N.M. 3232(835)
2030 XEW-2 D.F. 4332(917)
2053 XEP-3 Puebla? (653)
2100 WGR-2 N.Y. 4233(1098)
2229 WJBK-2 Mi. 3232(945)
2342 XEFB-3 N.L. 4453(700)
5-28 Es 2016?CKGN-2 Ont. 4132(1236)
1636 WPSX-3 Pa. 3333(1007)
1700 KDKA-2 Pa. 3232(930)
2029 KSTP-5 Mn. 4332(1052)
2030 WOI-5 Ia. 4232(854)
2100 KDAL-3 Mn. 3132(1169)
5-31 Es 0959 WPSX-3 Pa. 2332(1007)

5-31 Es 1059 WGR-2(1098) 2032 N.Y.
1130 CKCO-2 Ont. 3132(1125)
6-1 Es 0003 YSR-2 El. 3233 (1132)
0859 WLWD-2 Oh. 3332(774)
0900 WSAZ-3 W.Va. 3334(745)
0929 WJBK-2 Mi. 3332(945)
0930 KGLO-3 Ia. 4233(922)
1030 WWAY-2 Mi. 3232(1006)
1059 WJIM-3 Mi. 3233(1102)
1159 CKCO-2 Ont. 3232(1125)
1830 WTAR-3 Va. 3233(945)
2017 WKTV-2 N.Y. 3232(1215)
2055 WPSX-3 Pa. 4333(1007)
2059 WGR-2 N.Y. 3232(1098)
2130 WJBK-2 Mi. 3332(945)
2159 KOTA-3 S.D. 3232(1226)
2200 WBAY-2 Wi. 4432(1006)
6-2 Es 1630 KWGN-2 Co. 4333(1000)
1859 WUND-2 N.C. 4244(900)
2059 KENW-3 N.M. 4444(835)
2200 KTVS-3 Co. 3132(1025)
2220 KWGN-2 Co. 3232(1000)
6-3 Es KLNE-3 2021 Ne. 3333(922)

Le Blanc: continued---

6-3 Tr 2100 KTVT-11 Tx. 3334(485)
KERA-13 Tx. " (465)
6-4 Es 1840 XEW-2 D.F. 4443(717)
2314 [illegible] 3332(700)
6-5 Es 0003 KTCA-2 Mn. 3332(1052)
0031 WKZO-3 Mi. 3332(900)
0037 WISC-3 Wi. 3233(920)
0042 [illegible]Y-2 Wi. 3332(1006)
0100 WJBK-2 Mi. 4333(945)
0109 [illegible] Oh. 3333([illegible])
1700 KNME-5 N.M. [illegible]332(1035)
1701 KENW-3 N.M. 3233(835)
1820 YSR-2 El. 4432(1132)
1931 TGV-3 Guat. 3322(1102)
6-6 Tropo from SE Texas.
6-7 Es 1617 WGR-2 N.Y. [illegible](1098)
6-8 Tr 0010 [illegible]B-7 N.L. 3234(552)
0037 [illegible]-10 N.L. 3335(700)
Es 1028 WGR-2 N.Y. [illegible](1098)
1059 WBAY-2 Wi. 4332(1006)
1159 KDIX-2 N.D. [illegible](1360)
1200 [illegible]-3 In. [illegible](1169)
1215 [illegible]-3 Mi. [illegible](1102)
1330 KXON-5 S.D. 2332(1055)
1600 TGV-3 Guat. 3322(1102)
1612 YSR-2 El. 4332(1132)
2230 KTCA-2 Mn. 3332(1052)
6-9 Es 1830 WJBK-2 Mi. 2232(945)
1831 CKCO-2 Ont. 3132(1125)
1903 WKZO-3 Mi. 3333(900)
2003 WBAY-2 Wi. 2332(1006)
2100 [illegible]-3 Mi. 3232(1102)
6-13 EsKUSD-2 1630S.D.4432(969)
2036 KTCA-2 Mn. 2232(1052)
2200 KUSD-2 S.D. 3332(969)
2230 KDLO-3 S.D. 3333(1112)
6-14 Es 1000 WJBK-2 Mi. 4332(945)
1030 WUND-2 N.C. " (900)
1059 WPSX-3 Pa. 3232(1007)
6-15 Es 0900 WBBM-2 Il. 3132(838)
0932 WTWO-2 In.(687) 2032
1000 [illegible]-2 Ia. 3332(841)
1131 KOTA-3 S.D. 3132(1226)
1201 K[illegible]D-2 Wy. 3332(1280)
Tr 1300 KTHV-11 Ar. 3334(350)
2300 [illegible]-10 N.L. 3233(700)
2305 XHA[illegible]-12 " 3345 "
2359 KVTV-13 Tx. 2335(599)
6-16 Es 1700 WWAY-3 N.C. 4333(780)
1710 WUND-2 N.C. 4332(900)
1720 WJBK-2 Mi. 4433(945)
1800 WJEM-5 Mi. 4332(1033)
1845 KTVS-3 Co. 3132(1025)
Tr 2000 East Texas stations.
Es 2200 WPSX-3 Pa. 3232(1007)
2206 WGR-2 N.Y. 2332(1098)
2222 WJBK-2 Mi. 4332(945)
6-17 Es 1700 WWAY-3 N.C. 4333(780)
WPSX-3 Pa. [illegible](1007)
1801 KOAA-5 Co. 3332(1000)
1818 XEJ-5 Chi. [illegible](995)
1830 KNME-5 N.M. 4332(1035)
1904 KENW-3 N.M. " (835)
1907 XEFM-2 Tam. 3332(995)
1931 KDLO-3 S.D. " (1112)
2000 KTCA-2 Mn. 3232(1052)
WOI-2 Ia. 4232(841)
2031 WBAY-2 Wi. 4432(1006)
6-17 Tr 2200 Houston stations.
6-18 Es 0600 WGR-2 N.Y. [illegible](1098)
0630 WSYR-3 N.Y. 3332(1190)
0714 CKVR-3 Ont. " (1110)
0[illegible] [illegible] " [illegible](1125)
0900 CKSO-5 " 4334(1240)
1156 [illegible]-3 Yuc. 3234([illegible])
1[illegible] [illegible] 4[illegible]([illegible])
1400 WPSX-3 Pa. " (1007)
1500 [illegible]-3 Mi. 3333(1102)
1535 [illegible]-2 [illegible] [illegible](1006)
[illegible] [illegible] 4333(854)
1729 KSTP-5 Mn. 3233(1052)
1829 KXON-5 S.D. 3334(1055)
1900 KDLO-3 S.D. 3333(1112)
6-19 Es 1650 KWGN-2 Co. 3332(1000)
1730 XHJMA-3 Chi. 2234(990)
1830 KOAA-5 Co. 4334(1000)
1930 WSYR-3 N.Y. 3333(1190)
6-21 Es 0830 WWAY-3 N.C. 3332(780)
0930 WCYB-5 Va.-Tn. 3332(652)
1130 KYCU-5 Cheyenne, Wy.(1140)
KOTA-3 S.D. (1226)
1200 KTVS-3 Co. 3333(1025)
1[illegible]33 WGR-2 N.Y. [illegible](1098)
1704 W[illegible]-2 N.C. 3132(743)
2217 KDLO-3 S.D. 2332(1112)
6-22 Es 0659 KTVS-3 Co. 3132(1025)
1000 KYCU-5 Wy. [illegible](1140)
1059 [illegible]S-5 [illegible] [illegible]([illegible])
1[illegible] WISC-3 Wi. [illegible](920)
1[illegible] [illegible]-5 [illegible] [illegible]([illegible])
1[illegible] KSTP-5 Mn. [illegible](1052)
[illegible] [illegible] [illegible](1169)
[illegible] WOI-5 Ia. [illegible](854)
1[illegible] [illegible]D-5 [illegible] " ([illegible])
1[illegible] [illegible] S.D. [illegible](1226)
[illegible] KDIX-2 N.D. [illegible](1268)
1836 [illegible]Y-3 Yuc. 3332(653)
1839 [illegible]D-2 [illegible] [illegible](741)
1900 KENW-3 N.M. 4333(835)
1930 KNME-5 N.M. 3234(1035)
1953 XEJ-5 Chi. 3333(995)
6-25 Ms 0631 WTWO-2 In. 3034(687)
Es 1830 WGR-2 N.Y. 4333(1098)
2059 CKCO-2 Ont. 2232(1125)
2130 WJBK-2 Mi. 4232(945)
6-28 Es 1329 CKCO-2 Ont. 3332(1125)
1330 WBAY-2 Wi. 2232(1006)
1331 WJBK-2 Mi. 3222(945)
1355 CKGN-2 Ont. 4332(1236)
1521 WFSB-3 Ct. 3332(1260)
1536 WCVB-5 Ma. 2122(1372)
1600 WSYR-3 N.Y. 2122(1190)
1800 KDKA-2 Pa. 3332(930)
WKTV-2 N.Y. " (1215)
1801 WPSX-3 Pa. 2022(1007)
1912 TGV-3 Guat. 3333(1102)
6-30 Es 1650 WOI-5 Ia. 4234(854)
1700 WLUE-3 Me. 3322(922)
1800 KSTP-5 Mn. 3232(1052)
7-1 Es 0645 W[illegible]Y-2 N.C. 3233(743)
2000 K[illegible]O-3 Ia. 3322(922)
2100 KDLO-3 S.D. 3322(1112)
7-2 Es 1800 " " 3333 "
7-3 Es 1758 KTVS-3 Co. [illegible](1025)
1859 KDLO-3 Ia. 4333(1112)
1929 KWGN-2 Co. 3332(1000)
2000 KTVA-3 Az. 3233(1317)
2004 KENW-3 N.M. 3332(835)

Le Blanc; continued---

7-5 Es 1059 WDNH-3 Fla. 2332(1102)
1830 WTAR-3 Va. 2332(945)
2100 WAYC-3 Oh. 3232(922)
2135 WKZO-3 Mi. 3032(900)
2159 WHT-2 Ia. 3022(841)
7-7 Tr South East Texas stations.
7-9 Es 1711 WLTV-3 N.C. 3233(660)
1714 WMIY-2 " 3322(743)
1729 KFCA-2 Ia. 3332(1052)
1829 KUSD-2 S.D. 3232(969)
1900 WKZO-3 Mi. 4233(900)
2200 WHT-2 Ia. 2332(841)
7-10 Es 1824 TGV-3 Guat. 3333(1102)

William J. Orsch: Ellis St. R.R.#2, Kewaunee, Wi. 54216 (414)-388-2350 CDX

6-13 Es 2240 KPRC-2 Houston(1117)
KIDL-4 San Antonio(1213)
KBTX-3 Bryan
2247 KENS-5 San Antonio(1213)
2310 KIII-3 Corpus Christi T
2318 KATC-3 Lafayette T
6-14 Es 2050 Unideds ch.3.
6-15 Ms 0930 KATC Lafayette(1026)
Es 0843 Unideds ch.3.
6-16 Es 1745 WEAR-3 Pensacola(986)
1753 WKRG-5 Mobile(967)
1754 WAAB-2 State College T
1809 KATC-3 Lafayette(1026)
6-17 Es 2040 WBRZ-2 Baton Rouge(1002)
KATC-3 Lafayette
WWL-4 New Orleans(1025)
KALB-5 Alexandria T
6-18 Es 0655 WEDU-3 Tampa(1192)
WTVY-4 Dothan(934)
WKRG-5 Mobile(967)
WCTV-6 Thomasville(972)
WPTV-5 Palm Beach(1305)
0729 WEAR-3 Pensacola(986)
0738 WSAV-3 Savannah(933)
0755 WDIG-2 Dozier(925)
0758 KETS-2 Little Rock(740)
0827 WUFT-5 Gainesville(1071)
0958 WJXT-4 Jacksonville(1039)
1000 KARD-3 Wichita(695)
1215 KDA-4 Denver(952)
KREX-5 Grand Junction T
1231 KWGN-2 Denver(952)
KTVS-3 Sterling(837)
1245 KRMA-6 Denver T
KWNB-6 Hays Center(738)
1800 KRIS-6 Corpus Christi(1295)
KENS-5 San Antonio(1213)
WOAI-4 " "
KIII-3 Corpus Christi(1295)
2000 KBTX-3 Bryan(1059)
KJAC-4 Port Arthur T
2010 KPRC-2 Houston(1117)
2128 WCB D-2 Charleston(916)
2155 WTAR-3 Norfolk T
6-19 Es 0653 WCBD-2 Charleston(916)
WESH-2 Daytona Beach(1130)
0720 WCIV-4 Charleston(916)
0728 WJXT-4 Jacksonville(1039)
WTHS-2 Miami(1368)
1730 KARD-3 Wichita(695)
2037 KWGN-2 Denver(952)
KDA-4 " "
KTVS-3 Sterling(837)
2105 KDUH-4 Hay Springs T
KTWO-2 Casper T
KXLY-4 Spokane T
KSMD-2 Anaconda T
KXLF-4 Butte T
6-20 Es 1145 WTHS-2 Miami T
WESH-2 Daytona Beach T
WEAR-3 Pensacola T
6-20 Es 1145 WTVJ-4 Miami T
WJXT-4 Jacksonville T
WUFT-5 Gainesville T
KATC-3 Lafayette T
Tr 2024 Erie U's(405)
Cleveland U's(355)
WUTV-29 Buffalo(445)
6-21 Es 1045 No time to water.
1900 WMAY-3 Wilmington(882)
1902 WFMY-2 Greensboro(718)
1904 WCSD-2 Charleston(916)
1906 WCIV-4 " "
1910 WILT-6 Wilmington(882)
1922 WRAL-5 Raleigh(764)
1926 WFBC-4 Greenville
1928 WCSC-5 Charleston(916)
Tr 1930 Cleveland U's(355)
Youngstown U's(420)
WAKR-23 Akron(380)
6-22 Es 1115 KIII-3 Corpus Christi(1295)
KVII-4 Amarillo(991)
1130 KOB-4 Albuquerque(1200)
1131 KAVE-6 Carlsbad(1228)
1200 WDSU-6 New Orleans(1025)
WBRZ-2 Baton Rouge(1002)
1224 WBNS-3 Columbus(865)
1230 KATC-3 Lafayette(1026)
1306 KJAC-4 Port Arthur(1080)
Tr 2150 Cleveland U's
WUTV-29 Buffalo(445)
WSEE-35 Erie(405)
WLEX-27 Lexington(473)
WLKY-32 Louisville(437)
WDRB-41 " "
WPSD-15 " "
6-23 Tr 2000 KMOX-30 St. Louis(432)
WTTG-27 Springfield(589)
WICS-20 " ,Il.(325)
WFBM-20 Indianapolis(336)
WHAS-40 " "
2033 WLEX-27 Lexington(473)
WLKY-32 Louisville(437)
WDRB-41 " "
WPSD-15 " "
6-24 Tr 0810 WLKY-32 " "
2000 Cleveland U's(355)
Youngstown U's(420)
WSEE-35 Erie(405)
2316 WJET-24 " "
6-25 Tr 0712 Erie U's(405)
0840 Youngstown U's(420)
2105 WPIX-16 Pittsburgh T
2210 Uxbridge-22(413)
2230 WOSU-34 Columbus(395)
Es 2352 KTWO-2 Casper(964)
KDTA-3 Rapid City(776)
KDUH-4 Hay Springs(767)
6-26 Es 0015 KYCU-5 Cheyenne(900)
KUTV-2 Salt Lake City T
KCPX-4 " " " T
0047 KTVS-3 Sterling(837)

Draeb; continued---

6-26 Es 0047 KSL-5 Salt Lake City(1264)
1500 KLWE-3 Lexington(669)
KXUH-4 Tent.
KOTA-3 "
Tr 2013 Cleveland U's(355)
6-28 Es 1430 WCBD-2 Charleston(916)
1520 WTHS-2 Miami(1368)
1645 KXLF-4 Butte T
KRTV-3 Great Falls(1159)
1730 CHBKT-4 Moose Jaw(940)
Other Unideds
6-30 Tr 0830 WTIL-38 Terre Haute(348)
WXIX-19 Cincinnati(400)
Evansville U's(420)
WKEF-22 Dayton(368)
WJET-24 Erie(405)
Es 1745 WOAI-4(KMOL) (1213)
KRIS-6 Corpus Christi(1295)
KCEN-6 Temple T
2100 KATC-3 Lafayette T
WBRZ-2 Baton Rouge T
Tr 2200 WOSU-34 Columbus(395)
WDET-16 Dayton(368)
7-1 Tr 0730 Evansville U's(420)
WTIL-38 Terre Haute(348)
KDNL-30 St. Louis(432)
WICS-20 Springfield(325)
Es 2040 CFAC-2 Calgary(1310)
CFCN-4 " "
1800 WTVJ-4 Miami(1368)
WCBD-2 Charleston T
2200 KRTV-3 Great Falls(1157)
7-2 Es 1540 KMOL-4 San Antonio(1213)
1620 KENW-3 Portales(1103)
KCTA-5 Lubbock T
1654 KAVE-6 Carlesbad(1228)
1620 KOB-4 Albuquerque(1200)
7-4 Tr 0730 WJET-24 Erie(405)
WSEE-35 " "
WAKR-23 Akron(380)
WYTV-33 Youngstown(420)
WKBN-27 " "
WBRE-28 Scranton T
WTAF-29 Philadelphia T
WUTV-29 Buffalo(445)
KDNL-30 St. Louis(432)
WTIL-38 Terre Haute(348)
0830 WKRC-12 Cincinnati(400)
WXIX-19 " "

I still have a few more miscellaneous items I would have liked to get in here this month but time is running short and so is the space on this page.

Congratulations to Glenn Hauser who saw Es through ch.13 on 6-23. He saw other hi-banders via Es between 6-18 and 6-31. I've yet to see my first hi-band Es.

If DX keeps rolling in and you have a lot to report, get it in early. 73's

Bill

7-4 Es 1410 KRTV-3 Great Falls(1157)
KFBB-5 " "
CFAC-2 Calgary T
CFCN-4 "
1437 KSKD-2 Anaconda T
KXLF-4 Butte
CHBKT-4 Moose Jaw T
CKCK-2 Regina
Tr 2100 WFYI-20 Indianapolis(336)
WHMB-40 " "
WFIE-14 Evansville(420)
2245 WTIU-30 Bloomington(376)
7-5 Es 2045 WCBD-2 Charleston(916)
WCIV-4 " "
WESH-2 Daytona Beach(1130)
WSAV-3 Savannah T
2118 WBTV-3 Charlotte(736) T
WTAR-3 Norfolk(785)
7-6 Es 0750 KALB-4 Amarillo(991)
(color bars w/call)
7-9 Es 2215 CBXAT-2 High Prarie T
CFRN-3 Edmonton(1320)
CFCN-4 Calgary(1310)
CBXT-5 Edmonton(1320)
7-20 Es 1540 Charleston lo-banders.
Wilmington "
WAGA-5 Atlanta(768)
WUFT-5 Gainesville(1071)
WCTV-6 Thomasville(972)
1620 WUNC-4 Chapel Hill(749)
1627 WUND-2 Columbia(840)
1636 WTVY-4 Dothan(934)
1700 WTAR-3 Norfolk(785)
1715 WCBS-2 New York(740)
WNBC-4 " "
WNEW-5 " "
KYW-3 Philadelphia(702)
WFSB-3 Hartford(767)
1722 WFIL-6 Philadelphia T
WBZ-4 Boston(840)
WGBH-2 " "
WTEV-6 New Bedford(842)
(local wx report at 1725)
1740 WCVB-5 Boston(840)
1800 WSYR-3 Syracuse(585)
1805 WKTV-2 Utica T
WLBZ-2 Bangor T
1840 CJBR-3 Rimouski(951)
2030 KID-3 Idaho Falls(1214)
7-21 Es 0850 KYUS-3 Miles City(897)
CBKMT-4 Moose Jaw T
(color bars w/no call; lasted till after 0900)
0945 CFAC-2 Calgary(1310)
CFCN-4 " "
1030 KXLF-4 Butte(1219)
KTVM-6 " "
KSKD-2 Anaconda T
1058 KHQ-6 or KVIQ-6(saw the "Today Show" obviously coming from the Pacific time Zone. According to station list only two NBC stations on ch.6 in that zone are ones I mentioned. Either one would be new for me; it's unlikely that it's KVIQ; probably Spokane. Do Canadians carry the "Today Show"??; don't think??.)

(could have been KSBY-6 too but unlikely)

SPECIAL PROJECT NOTE

from Clarke Ingram

Dear WTFDA Members:

As a fellow DXer, I would like to ask your assistance in a long-term project I recently began.

I am attempting to obtain photographs of the test patterns of television stations in the United States and Canada. You can help in this effort by photographing the test patterns of your local and semi-local stations, as well as those of any DX stations you might be receiving

The purpose for this effort is to establish an all-inclusive test pattern guide which would be available to the DXer and which would aid in solving many test pattern unIDs Such a guide would be particularly useful to the meteor scatter DXer, who is often confronted with brief glimpses of barely recognizable custom test patterns.

Before you go running for your camera, however, a few words of importance. If this is your first attempt at TV photography, remember not to use a flash, it will only blot out the TV picture with its own reflection Try to fill the entire photograph with the test pattern, but beware: when at close angles, you may have to tilt the camera severely in order to center the pattern. WTFDA's Beyond Shortwave has some other helpful notes concerning TV photography. Incidentally, I would prefer that you use black and white film when taking these pictures, although color photos are acceptable if there is no alternative.

If one or more of your local stations uses unidentified color bars, you needn't bother photographing them, merely indicate in your letter the number of bars in the pattern (usually seven or eight). If the station uses unidentified three-fourths color bars, please describe these using the format (a-b-c), where "a" is the number of bars in the color bar section, "b" is the number of the bar under which the white square begins (for example, 2½ if the square begins under the middle of the second bar), and "c" is the width of the white square in terms of the color bar width (1 for single bar width, 2 for double, and "1+" for any width in-between). For example, the pattern below would be classified (7-2½-1+).

Please do send photographs of IDed full or three-fourths color bars, however, as innumerable differences in ID placement, size of logo, etc. are in existence There are also so many variations of supposed 'standard' patterns such as RETMA and SMPTE that I ask you to photograph these as well, whether IDed or not. In addition, it would be most helpful if you would note the times at which each test pattern is aired (both on weekdays and weekends) on the back of each photograph, in your local time

Here's your chance to utilize those DX-preventing locals for the betterment of DXing and the WTFDA. This is a project in which all members, from novice to veteran, can participate. If you have any questions, feel free to write me at the address below or call me at (412) 892 2497. Your help in this matter is appreciated.

Sincerely,

Clarke

Clarke W. Ingram

Address:

5201 Colewood Drive
Pittsburgh, PA 15236

NORTHERN FM DX

Edward ..rt..n: ''3YUP
5(S. Montgomery Ave.
Norristown, PA 1 401

****Support NFDX , Send In Your Re orts** * DEADLINE THE 10t

i Everyone, its time again for another column, and DX conditions this month see m to be very good. I am in the process of upgrading my antenna system and adding a preamp. Note to all reporters: when sending in your reports if you want to please send in some comments on the current DX conditions and how conditions are compared to previous years. This, of course is optional. Comments will be included in a small paragraph in the column each month. Thanks,to all of the reporters, 73, and to all Gud DX (Ed)

Joe Fela - 150 Robert Place - So.Plainfield, N.J. 07080 5/15-6/21 (EDT)

DX:

5/15 Es 2043 KLDA 99.7 Kansas City, MO. w/ID, "Stereo 100" PSA's
5/19 Tr 2230 WHUC 93.5 Hudson, N.Y. w/s/off thought this was all nite?
2237 W.SL 88.9 Selinsgrove, PA. in/out w/WXPN. Prog.
5/22 Es 1948 WQID 93.7 Biloxi w/rock, ads, ID
5/24 Tr 0001 W.L. 93.3 Taunton, Mass. beginning Nx. WHRB ID rough.
012 WVOI 95.9 Tisbury, " at s/off.
0020 WWUH 91.3 W.Hartford, CT plugging AA program.
5/25 Tr 1.35 WEIV 103.7 Ithica, N.Y. TEST. w/CBL stuff over WIXL.
2055 WNJW 92.1 Nanticoke, PA good w/Rock,& ID's
5/26 Tr 0003 WUFM 100.1 Leabanon PA s/off for call change (500 s/on
5/27 Es 2316 KSIS 9.1 Sedalia, Mo. w/postgame BB show, ads, etc.
6/17 Es 1959 WLCY 94.9 St.Petersburg, FL w/ads, ID, rock.
2003 WVFI 94.1 Lakeland, Fla. w/ads, taped ID. thru WYSP
Tents in Miami, 93.1-93.9-97.3-100.7-103.5 during opening.
6/21 Es 1140 W.TZ 95.1 Natchez, Miss. w/ads, Rock, ID.
1145 KMAL 95.9 Winnsboro, LA w/AM-FM ID
1151 WJTS 92.1 Yazoo City, Miss. w/ad for car FM radio converters available at WJNS studios.
1154 KEPT 96.5 Shreveport, LA thru WTDB w/promo Ex-KBCL
1155 KDSI 96.7 Oak Grove, LA 'The finest in gospel entertainment'
1159 KMM. 93.5 Monticello, Ark. beginning Nx,ID w/K3FC (I).

Second 6/21 OPENING.

2005 WCPC 93.3 Houston, Miss. ending Nx.
2017 KMBQ 93.7 Shreveport, LA w/ID
2022 W.C 99.7 Memphis assumed, YL DJ, Rock, 'FM-100' call 274-3100
2028 KEZQ 94.1 Little Rock W/ID W/EL over WYSP.
2029 KOTN 92.3 Pine Bluff w/ads, ID, w/EL thru local W.TL.
2035 KCXE 101.5 Brownwood, TX ending Ae Nx, ID jingle. Perfect Tape
2040 KKYK 103.7 Little Rock, Ark. w/K-Kick ID, Rock.
2042 KTCS 99.9 Ft.Smith, Ark. w/country and ID over WC..
2047 KOFM 104.1 Okla,City Assumed, ad mentioning Tulsa State Fair
2050 KSWM 100.1 Aurora, Mo. w/ID & ad mentioning Old Gold
2057 KLUM 88.9 Jefferson City, Mo. w/PSAs, ID
2101 WKYX 93.3 Paducah, Ky. Tent. Auto. c/w partial ID... .."This is ....Paducah".
2115 KAKC 92.9 Tulsa, OK w/rock, "KAKC Music Radio" SID
2118 KGOW92.1 Broken Arrow, Okla. w/KTCW-KGOW ID, in mets.
2129 W.VC 88.3 Colfax, Wisc. w/severe thunderstorm warning, def. ID, This one quite removed from other Es.

Peter Sawatzky - 7 Old Chicopee Dr APT 708 - Kitchener Ont. N2A 2V3

...Tony Ward of Guelph and I attempted putting my FM antenna and a UHF super flying arrow on mechanical room at about 100ft. height The results were phemorinal - close to 200 FM stations at once and 200 mile UHF, all under "deadband" conditions. Unfortunately, 2 days later the entire thing semi-collapsed due to a severe ice-wind storm. There was somany hassles involved with superintendent, landlord, building esthetics, etc., that the idea of putting it up again were scrapped. Right now I'm using the same Archer Twin Drive FM Antenna which I was using at my previous location only now it's indoors (belive it or not) on a tripod. It doesn't do much for the looks of the apt. but as a Dxer I can tolerate it.

Peter Sewatzky - 7 Old Chicopee Dr. Apt. 708 - Kitchener, Ont. N2A 2V3

Tuner - Heathkit AJ-15
Antenna: Archer Twin-Drive FM model 15-8205 at c.70'

5/15 1935 KCFR 90.1 Denver CO (1270) week-long fund-raising marathon
Es 2014 WACG 90.7 Augusta GA (695) community events
5/22 1940 WCKO 102.7 Pompano Beach FL (1190)
Es 1949 WFLA 93.3 Tampa FL (1070) ID
2010 WIYK 99.5 St. Petersburg FL (1085) local high school event, local spots
2235 KBFC 93.5 Forrest City AR (800) Wx w/Dave Adamson
5/23 1153 KPFT 90.1 Houston TX (1240)
5/27 1233 WWYO 96.3 Miami FL (1205)
Es 1240 WAIA 97.3 Miami FL (1205)
1244 WGYL 93.5 Vero Beach FL (1080)
All 5/27 received at lunch break with portable on 6th-floor roof of Physics Building at University of Guelph.
5/28 1253 WUSF 89.7 Tampa FL (1070)
Es 1300 WRGI 93.5 Naples FL (1180)
5/28 again received in Guelph.
5/31 0908 WNCP 92.7 Stuart FL (1115)
6/1 1840 MUF momentarily up to 93.5 MHz., no ID's.
6/8 1402 KITY 92.9 San Antonio TX (1375)
Es 1405 KRLY 93.7 Houston TX (1240)
1415 KPFT 90.1 Houston TX (1240)
1422 KBBQ 93.7 Shreveport LA (1035)
6/14 Approximately 1000 WRBL 102.9 Columbus GA (800) Previously
MS received via Es
6/18 1837 KERA 90.1 Dallas TX (1130) Wx, network programming
Es I was informed by Tony Ward I missed biggest skip of year to date on morning of 6/18.
6/21 1028 WJNO 94.3 Riviera Beach FL (1145) Spot for Home Show
Es (Gelf at the) at Palm Beach Golf
1045 WEAT 104.5 West Palm Beach FL (1140) ID
1048 WCKO 102.7 Pompano Beach FL (1190) Spot for JM Penties in Hollywood
1054 WAXY 105.9 Ft. Lauderdale FL (1190) Cross Fox spot
1100 WBYU 95.7 New Orleans LA (1070) ID: "...all mx all the time"
1104 WWYO 96.3 Miami FL (1205) ID
1105 WPCV 97.5 Winter Haven FL (1065) ID, country format
1110 WAIA 97.3 Miami FL (1205) ID, leukemia PSA
1111 WSDR 99.1 Miami FL (1205) Hurricane safety tip, WSDR "Black Gold"
1115 WFLA 93.3 Tampa FL (1070) ID
1117 WQXM 97.9 Clearwater FL (1075) local references
1120 WTAI 107.1 Melbourne FL (1060) ID: "Rock 107", x-
1124 WFUZ 93.7 Ocala FL (985) Disneyworld spot (Previously received via MS)
1132 WGYL 93.5 Vero Beach FL (1080) ID
1153 KERA 90.1 Houston TX (1130) ID, "Major Barbara" play
MUF hit 107.9 MHz. or beyond on this date.
CUBA and channel 6 also received on this date.

Also received a WWWJ on 103.1 MHz. just as skip opened up. I don't know whether this was Es or part of good tropo preceding the skip. New Albany and Johnstown were mentioned but this didn't help me place this station that IDed as (Ohio) "Three-W J". (Jun 16 Broadcasting Mg has it as new in J-town|Ed)
6/22 1021 WAAF 107.3 Worcester MA (445) Spot for Boulevard Diner
Tr on Shrewsbury St. (My 3rd best FM Tr catch).
Tentative reloge WRPI 89.1 Schenectady NY (330) and WAMC 90.3 Albany NY (340) were also in for c.1 hr.
Es 1225 KPFT 90.1 Houston TX (1240) ID
1415 KSUC 88.3 Keene TX (1190) Longhorn Radio Network ID

William O. Dickerman - PO. Box 786 - Williamsport, PA 17701 (EDT) 3/25-6/23

DX:

This report covers new loggings from 3/25 to the present. I took a week's vacation from June 21-27 to give me some time for FM-DX. I got 3 "new" stations, but heard no Es.

3/25 0907 WIOQ 102.1 Philadelphia, PA w/rock mx, "Music Radio WIOQ"
6/22 1059 WCLI 106.1 Corning, NY. w/Sacred Heart" Program.
1631 WTAE 96.1 Pittsburgh, PA "Great American Mx Machine" (165)
6/23 1331 CJRT 91.1 Toronto, ONT. (206)

In addition I also heard 2 new area station which recently commenced broadcasting: WQSU 88.9 Selingsgrove, PA, and WJJR 98.3 Mifflinburg, PA I think WQSU (Susquehanna University) is off for the summer now. Total FM stations heard to date on my Zenith R7000Y1 is 114.

John Ebeling - 9209 Vincent Ave So. - Bloomington MN 55431 6/18-6/26

I must take back some of the remarks I made last time about this being a poor year -- the month of June turned out to be the best Es month I have seen in years. Even had some short Es from Colorado, which I had never seen before. New stations are underlined, those stations that had an active 67Khz SCA service when I recieved them are noted. (w/an asterisk)

6/18 Es	0530	WINH	97.7	Georgetown, SC
	0531	WMCB	89.7	Miami, Fla.
	0545	WPEG	97.9	Concord, NC *
	0555	WFDD	88.5	Winston Salem
	0555	WBMU	91.3	Asheville NC
	0600	WPXI	95.1	Charleston SC
	0601	WCMJ	99.3	Chester, SC
	0603	WVFM	94.1	Lakeland FL *
	0606	WPUB	94.3	Camden, SC
	0610	WWBD	92.7	Bamberg, SC
	0615	WQIK	99.1	Jacksonville*FL
	0615	WXTC	96.9	Charleston SC *
	0620	WAAV	102.7	Wilmington NC *
6/18	0630	WNCT	107.7	Greenville NC
	0632	[illegible]	105.7	Statesville NC
	0635	WKZQ	101.7	Myrtle Bch. SC
	0640	WTNC	98.3	Thomasville NC
	0647	WKTM		Charleston SC 102/5
	1615	94.1	WCCA	McComb MS
	1624	WQUE	93.3	New Orleans *
	1630	WBYU	95.7	" "
	1631	KLEB	94.3	Golden Meadow LA
	1647	KFRA	95.3	Franklin, LA
	1650	WCKW	92.3	LaPlace LA *
	1653	KVPI	93.5	Ville Platte LA

(John's Report cont'd next No.)

Fred Nordquist - 302 Sandra Lane - N. Syracuse, NY 13212 (EDT)

Report covers 5/1-7/5. RX: AJ-15 Ant: JFD LPL-FM10A 30'AGL (Underlined New to log)

5/1	GW	2000	WBOS	89.7	NY	On w/pwr incr
5/12	GW	1801	WILA	92.1	NY	MoR (WSEN off)
5/15	Es	2130	KOWH	94.1	NB	ID Omaha
5/17	GW	2210	WSNK	103.9	NY	new CL. rr (WQBK)
5/22	Es	2213	KBFC	93.5	AR	MoR Forrest City
		2257	KERA	90.1	TX	Jazz Dallas
		2300	KBUY	93.9	TX	SS Ft. Worth
5/27	Es	1250	KZEW	97.9	TX	lcl ads Dallas
		1259	KTLC	100.3	TX	MX Dallas
6/8	Es	2120	WLIN	95.5	MS	MoR Jackson
		2130	KCMW	90.9	MO	classical
		2133	KARD	107.3	KS	mx Wichita
6/19	Es	1840	KBOW	95.7	CO	2nd relog!
		1840	KOA	103.5	CO	Denver (1490mi)
6/21	Es	1126	WPAP	92.5	FA	cw Panama City
		1128	WGEA	93.5	[illegible]	rr/cw Geneva
		1149	WHLE	92.3	AL	rr Montgomery
		1146	WKSJ	94.9	AL	cw Mobile
		1209	WALT	97.1	MS	lcl ad Meridian
		2010	WXLI	92.7	GA	BB-Braves Dublin
		2013	WDJC	93.7	AL	SID Birmingham
		2016	WBYU	95.7	LA	"Stereo 96"
		2031	WGLF	104.1	FA	rr Tallahassee
		2021	WROA	107.1	MS	lcl ad Gulfport
		2029	WUOG	90.5	GA	Athens
6/21	Es cont.	2103	WTUB	105.7	AL	lcl MX Troy
		2037	WHER	103.7	MS	"R.Hattiesburg"
		2039	WSOJ	98.3	GA	MoR Jesup
		2051	WNAU	103.5	MS	BB New Albany
		2100	WUOA	95.7	AL	Tuscaloosa
		2102	WQSR	102.5	FA	Sarasota
		2113	WDYN	89.7	TN	Chattanooga
		2140	WBLR	95.3	AL	Roanoke MoR
		2145	WPDR	93.3	GA	Manchester MoR
6/22	TR	2225	WROT	97.1	VT	Rutland MoR
		2249	WRPT	99.3	PA	S.Wmsport rr
6/26	Es	1300	WIBW	97.3	KS	Topeka rr
6/28	Es	2037	KKKY	100.3	KS	Colby rr
6/29	MS	2200	WVOP	97.7	GA	Vidalia ID-1 sec brst
6/30	Es	2101	WMBW	88.9	TN	Chattanooga [illegible],
		2123	CUBA	90.5		Havana 2nd relog, Sports
7/4	GW	1800	WCSS	97.7	NY	Amsterdam ET/TT/ID
7/5	Es	1044	KSJR	90.1	MN	Flood advisories
		1110	KFJM	92.9	ND	Grand Forks "Y-93"
		1117	WVPC	97.7	IL	Monmouth R.Auction
		1123	WLAX	97.7	IL	Streater (Shortest Es from Syr. 660mi)
		2231	WMBW	88.9	TN	Relog.

Also many UNIDs & Relogs mixed in, but not included in this report.

5/27 & 6/26 Es hrd on car FM Converter at Work. NY totals = 132. Needed states(w/in reach) are Mont.,Wyom.,& N.Mex.;Prov:Sask.&maritimes. May-June Es much improved over last years'

Michael Hogan - 4811 Euclid Ave.- East Chicago, IN 46312

With summer courses and a two week vacation, not too much DXing has been done. So I have taken some time to do some experimenting with a new antenna system, and knowing my luck I probably missed a few good openings when I was changing the antenna system which took me a couple of weeks. So maybe now I can DX a few of the tropo openings which seem to be quite frequent here. 73's

Dan Greenall - 341 Robina RD. - Ancaster, Ont. (GMT) 6/18-6/21
Equip. Astronaut-6 wid FM beam up 30 ft. (ALL Es)
DX:

6/18	1323	WRR 101.1	Dallas, TX	(1150)	6/18	1400	WQMV 98.7	Vicksburg, MS	955
Es	1326	KNUS 98.9	" "	(1150)	Es	1400	KAPB 97.7	Marksville LA	1060
	1329	WPCS 89.3	Pensacola FL	(965)		1432	KUVR 97.7	Holdrege NEB	1010
	1330	WMBW 88.9	Lookout MT, TN	630)	6/21	1542	WFOY 97.7	St.Augustine	920
	1333	KEBC 94.7	Okla.Cty, OK	1060)	Es	1554	KEMA 90.1	Dallas TX	(1150)
	1337	KMUW 89.1	Witchita KS	(965)					

Editor's Note - Two of the reports recieved this month were not put in this months column because of my time requirements, (things were a little busy here this month) they will appear in next months column, I hope to be back on schedule then. TNX, '73 to all and keep reporting. Ed.

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GFM10: An attractive, gold-anodized ten-element yagi, 120" boom. It's recommended for FM DXing, as well as general listening to the best in FM stereo, SCA, and monaural FM.

Easy assembly; rugged square boom construction; reinforced cradle mount. Suggested list price is $34.95; dealer cost is $20.96. Order by mail and pay only $19.50 postpaid (UPS) total. No taxes or hidden charges!

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WESTERN FM DX

Steven C. Wiseblood
707 Loma Way
Santa Maria CA 93454

Deadline: 10th

Glenn Hauser, 1312 West Oak, Enid OK 73701 (5 June-4 July) (CST)

5 Es 1943 KCLE?94.1 WA Clarkston, C&W, Nashville Insidere discussion
8 Es 1230 FM MUF 91 no ID
2015 WMBI 90.1 IL Chicago, MBI pgm.
2020 unID 90.5 soul
9 Es 1144 XEM 88.9 DF Mexico, ID, La Buena Onda
1144 XEDA 90.5 DF Mexico, mx
1147 XHIS 90.3 BC Tijuana, ads
1152 XHRK 91.3 DF Mexico, ads
1159 XEJL 91.3 JAL Guadalajara, mx
1200 XEBS 89.7 DF Mexico, La Chica Musical
14 Tr 0921 KPJH 94.3 TX Port Stockton, auto. Del King show, local PSA
0935 KTEZ 101.1 TX Lubbock, FM-101, "This is Easy, KTEZ"
0945 KOCV 91.3 TX Odessa, RR o/KNCT
17 Es 1602 WUSF 89.7 FL Tampa, CCI-NNCU
1607 WSPB 106.3 FL Sarasota, ad, mx
18 Es 0802 CKBY 105.3 ONT Ottawa, mx, ID
0827 CBOF 102.5 ONT Ottawa, cl, French ID after "Le Matin des Musiciens" as "R. Canada"
1055 CFRW 94.3 MAN Winnipeg, "CFRW Music Radio", 942-1470 rq.
1628 WCOR 107.3 TN Lebanon, mx, "Music Country 107"
1659 WKTT 106.9 NC Black Mountain, ID
1707 WANS 107.3 SC Anderson, soul
1729 WVOT 106.1 NC Wilson, jingle ID
20 Es 1050 KWAO 106.3 AZ Sun City, ID, mx
1055 KSTM 107.1 AZ Apache Junction, RR
1102 KBUZ 104.7 AZ Mesa, mx
1104 KYOR 100.3 CA Blythe, and UPI mx
1110 KNAC 105.5 CA Long Beach, RR
1113 KBCA 105.1 CA Los Angeles, jazz
1119 KBIG 104.3 CA Los Angeles, MOR
1120 KOST 103.5 CA Los Angeles, ID
1125 KTOT 101.7 CA Big Bear Lake, jazzy. (Atlas lists as only 90 watts ERP!— quite likely the lowest power commercial originating FM station in the country.)
21 Es 0929 WHCG 104.9 GA Metter, ad (I am away 0800-0929, finding this at time in)
0930 WCLA 107.1 GA Claxton, ID, MBS mx
0930 unID 106.7 possibly a small town
0934 WSFL 106.5 NC Bridgeton, ID, ads
0953 WSJC 107.5 MS Magee, local ads
0953 WKMX 106.7 AL Enterprise, ID, mx
1001 WGOT 106.3 MS Newton, ID
1007 KHCB?105.7 TX Houston, preacher
1013 WROT 106.5 WV Clarksburg, mx of Salem College; Marshall Univ. and "Multi-Media Network News".
1652 KMPX 106.9 CA San Francisco, ID
22 Es 0829 WYOR 105.1 FL Coral Gables, mx
0833 WELE 105.9 FL Deland, C&W, Mutual
0836 WRBQ 104.7 FL Tampa, Q-105 t-shirt
22 Es 0902 WTUF 107.1 GA Thomasville, soul
0908 WSPB 106.3 FL Sarasota, $106-ID
0917 WGLO 106.7 FL Ft. Lauderdale, ad
0929 WKZM 105.5 FL Sarasota, ID
0937 WQSR 102.5 FL Sarasota, QSR ID
0951 WHYI 100.7 FL Ft. Lauderdale, Y-100
1001 WCKS 101.1 FL Cocoa, classical, 6pm concert, then rock at midnight.
1036 WCMS 100.5 VA Norfolk, ID
1045 KDEM? 98.3 MT Dillon, MOR
1055 KGLM 97.7 MT Anaconda, hotel ad
1058 KGVW 96.7 MT Belgrade, $97 ID w/unlisted K252AB FM$(98.3)
1100 KLCM 95.9 MT Lewiston, ID
1104 KYSS 94.9 MT Missoula, "KISS-FM"
1115 KAMR? 98.9 MT Great Falls, MOR, 5$ mod for some time after 1239
1121 KDGM 95.7 MT Scobey, ID, "Voice of the Prairies"
1130 KIVE 96.5 MT Glendive (1203-echo of ½ second w/local KDRC-96.9, so KIVE must be satellite-fed. 1204 and AI mx.
1137 C--- 97.7 SK Regina, new CBC fr. (1149-Quebec music program, R. Canada ID)
1140 KPWD 100.1 MT Plentywood, FM-100
1214 CHEC 100.9 AT Lethbridge, Del King automation, Celsius mx.
1224 WLBG 100.5 SC Laurens, BB coverage
1256 WJAX 95.1 FL Jacksonville, Jax-FM
1302 CFMQ 92.1 SK Regina, Canadian mx w/foreign reports from CBS, domestic from "News Radio". 1311 local celsius mx, lengthy sports; 1318-ID.
26 Es 1254 XHRM 95.30 CHIH Chihuahua. Still not moved to 106.1 as required by treaty.
30 Es 1215 WUSF 89.7 FL Tampa, Classical
1230 WLRN 91.3 FL Miami, drama, ID
1600 WRBQ 104.7 FL Tampa, ID, many others; MUF on 13 TV
1615 WGLO 106.7 FL Ft. Lauderdale, ad
1630 WTAI 107.1 FL Melbourne, A-FM mx, (lightning here; on whip only) (next hour spent on highband TV Es!)
1 Es 1748 KMOT 93.7 ND Minot, local ad
1750 KKLS?93.9 SD Rapid City?MOR o/KSPI
GW 1758 KYEZ 93.7 KS Salina, $94-ID (not noticed before; needed skip to run across it.
Es 1800 KMUW 94.5 MT Great Falls, $95, ID
1803 C--- 94.9 new CBC French outlet
1823 CJUS 89.7 SK Saskatoon, Asian songs
1836 CFMH 100.3 AT Edmonton, MOR
3 Es 1237 WAGI 105.3 SC Gaffney, gospel, ad

Still manage to bag some FM DX, many of which are new but not yet compiled, despite using only the Astronaut-6 portable, but with CADCO IPA amplifier, and 10-el antenna. I often restrict my tuning to 104-108 MHz, leaving the amp peaked there. Welcome to Steven as editor. Until the next, 73, Glenn

WESTERN FM DX

Danny Buntin, 1020 S. Duncan, Stillwater OK

9 Es 0901 KNX 93.1 CA Los Angeles, ID 1220
0905 KFAC 92.3 CA Los Angeles, mx 1220
1244 XHM 88.9 DF Mexico 1300
12 Tr 2345 Most Memphis,TN stations weak 405
13 Tr 0000 KPXI 100.7 TX Mt. Pleasant, $ 240
0015 KTAL 98.1 LA Shreveport, ID 320
0029 KMBQ 93.7 LA Shreveport, ID 320
0036 KNOE 101.9 LA Monroe, mx 385
0038 KRMD 101.1 LA Shreveport, ad 320
0835 KLOQ 106.1 KS Sterling 170
0858 KMKF 101.7 KS Manhattan, Cl 225
0900 KGBI 100.7 NE Omaha, $ 375
0905 KNDY 103.1 KS Marysville, ID 265
0913 KRSL 95.9 KS Russell, Russell Radio
0926 KOOO 104.5 NE Omaha, ad 375
0930 KWBE 92.9 NE Beatrice, Quibby 300
0932 KROA 95.7 NE Grand Island, ID 350
1000 KEZO 92.3 NE Omaha, ID, EZ 375
1014 KXCV 90.7 MO Maryville, strong 325
1017 KNIM 95.3 MO Maryville, mx, ID 325
1030 KCOO 98.7 IA Centerville, ad 400
1228 KIRK 100.7 MO Harrisonville, ad 275
1229 KCMW 90.9 MO Warrensburg, mx 260
1238 KUDL 98.1 KS Kansas City, BM 250
1240 KPRS 103.3 KS Kansas City, PSA 250
1243 KCTR 96.5 MO Kansas City, ad 250
Other relogged K.C. stations with $

From now on I'm DXing with a lightly damaged antenna. When the Friday the 13th tornado came over my house, a large twig blew by and snagged on a rod, bending it down to the rotor. The tremendous wind also blew off most of the standoffs. I straightened the rod only half way up–no more because I was afraid it would break off, sensitivity seems slightly reduced. Now if a bird doesn't sit on it......................

I'm thankful everyday that the tornado spared its full fury until it got out of town where it, unfortunately, finally touched ground and struck a trailer park, scattering it across the countryside along with a few wooden homes.

17 Es 1845 Mexico-no IDs
18 Tr 0026 KRLY 93.7 TX Houston, ad 460
0028 KIKK 95.7 TX Houston, ID 460
Es 1638 WKUP 100.7 PA New Kensington 1005
1641 WEEP 107.9 PA Pittsburgh, ID 990
1644 WLOS 99.9 NC Asheville, ad 830
1648 WRXO 96.7 NC Roxboro, mx 1075
1658 WSLQ 99.1 VA Roanoke, ID 980
1702 WMOR 92.1 KY Moorehead 790
1708 WQMG 97.1 NC Greensboro, ID 990
1712 WMFR 99.5 NC High Point, mx 980
1715 WEKU 88.9 KY Richmond, PSA 735
1720 WCSE 92.3 NC Asheboro, ID 890
1729 WDBS 107.1 NC Durham 1070
1730 WVOT 106.1 NC Wilson, ID 1100
1732 WBT 107.9 NC Charlotte, ID 940
1736 WSVS 104.7 VA Crewe, ID 1180
1737 WMKY 90.3 KY Moorehead 790
1746 WVVV 104.9 VA Blacksburg, 'V105'
1755 WKYE 96.9 TN Bristol 850
1816 WEAF 94.5 NC Eden, ID 1115
1824 WRAL 101.5 NC Raleigh 1060
1829 WMMO 102.1 NC Reidsville 995

7407 (June 9- July 5)(CDT)

1830 WOFM 94.9 TN Greenville 1230
19 Tr 0712 KBIA 91.3 MO Columbia 330
0714 WOI 100.3 IA Des Moines, weak 430
0815 KLYF 90.1 IA Ames, mx 460
20 Es 1051 KUPD 97.9 AZ Tempe, ad 880
1054 KHEP 101.5 AZ Phoenix 885
1056 KDKB 93.3 AZ Mesa 860
1100 KXTC 92.3 AZ Glendale, ID 895
1101 KMCR 91.5 AZ Phoenix, ID 885
1103 KDOT 100.7 AZ Scottsdale 850
1118 KAIR 94.9 AZ Tucson, "CAIR" 850
1129 KUAT 90.5 AZ Tucson, ID 850
1159 KCSN 88.5 CA Northridge, ID 1230
1208 KAFF 92.9 AZ Flagstaff, ID 830
1229 KZZZ 92.7 AZ Kingman, ID 970
1235 KPMJ 104.7 CA Oxnard, mx 1270
1238 KHAY 100.7 CA Venture, K-HAY 1280
1302 KLON 88.1 CA Long Beach, ID 1200
1308 WFDD 88.5 NC Winston-Salem 960
1320 KPPK 90.7 CA Los Angeles, ID 1220
1321 KFAC 92.3 CA Los Angeles, ID 1220
1329 KVIM 93.7 CA Coachella, ID 1125
21 Es 1046 WPCS 89.3 FL Pensacola 710
1049 WPVA 95.3 VA Petersburg, ID 1120
Tr 1054 KVEE 105.1 AR Conway, ID 275
Es 1056 WMEZ 94.1 FL Pensacola, ID 710
1100 WNSL 100.3 MS Laurel, mx, ID 560
1101 WJLQ 100.7 FL Pensacola, mx 710
1106 WPAP 92.5 FL Panama City 800
1107 WJAD 97.3 GA Brainbridge 985
1116 WOMP 100.5 OH Belaire 870
1117 WKUP 100.7 PA New Kensington, ID
1125 WMSP 94.9 PA Harrisburg, PSA 990
22 Es 1039 WJAX 95.1 FL Jacksonville, ID 990
1045 WPDQ 96.9 FL Jacksonville 990
1050 WIRK 107.9 FL W.Palm Beach 1200
1055 WSHE 103.5 FL Ft.Lauderdale 1230
1058 WEAT 104.5 FL W.Palm Beach 1200
1100 WLOQ 103.1 FL Winter Park, ID 1070
1103 WDIZ 100.3 FL Orlando, BM 1070
1104 WCMS 100.5 VA Norfolk, ID 1190
1106 WCKS 101.1 FL Cocoa Beach 1110
1108 WGH 97.3 VA Newport News, mx 1175
1110 WMYQ 96.3 FL Miami, ID 1270
1112 WWIL 97.3 NC Wilmington, mx 1110
1118 WORJ 107.7 FL Mt. Dora, ID 1050
1120 WYOR 105.1 FL Coral Gables 1230
1126 WRVQ 94.5 VA Richmond, Super-Q-94
1130 WPVR 94.9 VA Roanoke, ID 980
1140 WAXY 105.9 FL Ft.Lauderdale 1230
1143 WHYI 100.7 FL Ft.Lauderdale 1230
1147 WZAT 102.1 GA Savannah, ID 970
1159 WKOS 100.3 FL Plantation Key 1250
1200 KIOZ 102.9 WY Laramie 600
1207 KYSS 94.9 MT Missoula, EZ 1160
1208 WJAX 95.1 FL Jacksonville, C&W
1212 WGPC 104.5 GA Albany, ID 820
1217 unID 93.3 "Musicradio Y-93"
1223 KRMS 95.3 MT Hardin, 870
"Big Horn Country"
1226 KOPR 106.3 MT Great Falls, mx 1110
1228 unID 98.9 mentioned xltr in
Conrad on 104.3
1231 WFOX 97.1 GA Gainesville, The Fox
1232 WXTC 96.9 SC Charleston 1030
1245 WBBQ 104.3 GA Augusta, ID 890

22 Es	1245	WMOK	104.7	SC	Columbia, mx	940
	1253	WRGT	106.5	VA	Clarksburg, ID	960
	1254	WJEJ	104.7	MD	Hagerstown	1100
	1255	WTUP	107.1	GA	Thomasville, ID	850
	1300	WJEH	101.5	OH	Gallipolis, ID	840
	1313	WFBC	93.7	SC	Greenville,RR,ID	850
	1316	KPQX	92.5	MT	Havre, mx	1050
	1317	WLCY	94.9	FL	Tampa,RR,ID	1045
	1319	WLEQ	95.9	FL	Bonita Sprs.	1150
	1329	KCGM	95.7	MT	Scobey, ID	970
	1330	KNUW	94.5	MT	Great Falls	1100
	1334	KPWD	100.1	MT	Plentywood, ID	970
	1342	CFMQ	92.1	SK	Regina,ID	1080
	1404	C---	97.7	SK	Regina,French	1080
28 ow	1128	KJAK	100.5	OK	Oklahoma City	55
30 Es	1000	WJCT	89.9	FL	Jacksonville, ID	990
	1028	WUSF	89.7	FL	Tampa	1045
	1728	WDBO	92.3	FL	Orlando	1070
	1729	WCRY	107.9	GA	Macon, ID, wx	820
	1732	WABE	90.1	GA	Atlanta, ID	760
	1742	WQSR	102.5	FL	Sarasota, ad	1060
	1743	WRBQ	104.7	FL	Tampa	1040
	1746	WDIZ	100.3	FL	Orlando, ID	1070
	1748	WQYK	99.5	FL	St.Petersburg, "QYK"	
	1753	WINK	96.9	FL	Ft.Meyers, ID	1130
	1759	WFTW	99.3	FL	Ft.Walton Beach	745
	1800	WQXM	97.9	FL	Clearwater, ID	1010
	1801	WMBW	88.9	TN	Chattanooga,TM	690
	1805	WQHL	98.1	FL	Live Oak,ad	920
	1812	WULA	92.7	AL	Eufaula, ad (state # 40)	750
	1815	WKLH	92.3	AL	Montgomery, ad	690
	1823	WLBG	100.5	SC	Laurens, ad	850
	1830	WWBA	107.3	FL	St.Petersburg,EZ	1040
	1832	WDMX	106.7	AL	Enterprise, ID	730
	1843	WJAD	97.3	GA	Brainbridge, RR	985
	1847	WPCV	97.5	FL	Winter Haven, C&W	
	1851	WFLA	93.3	FL	Tampa, EZ,ID	1040
	1853	WGEA	93.5	AL	Geneva, ID	735
	1900	WKCW	101.7	GA	Albany, ID	820
	1921	WRNS	95.1	NC	Kingston, ad	1120
30 Es	1930	WYNR	101.5	GA	Brunswick, s/off	
	1931	WCKS	101.1	FL	Cocoa Beach	1110
	1939	WRQR	94.3	NC	Farmville, ID	1115
	1943	WFYN	92.5	FL	Key West, ad	1120
	1948	WFUZ	93.7	FL	Ocala, ID	1010
	1950	WQDR	94.7	NC	Raleigh, ID,RR	1060
	1957	WSFL	106.5	NC	Bridgeton,RR	1150
	1958	WVOT	106.1	NC	Wilson	1200
	2000	WGAT	104.9	VA	Gate City, ID	830
	2001	WRFG	89.3	GA	Atlanta	760
	2002	WXNC	92.5	NC	Henderson	1085
	2005	WFLO	95.7	VA	Farmville, ID	1060
	2005	WTVY	95.5	AL	Dothan, C&W,ad	760
	2006	WTLD	94.3	FL	Lake City, ID	950
	2012	WVVS	90.9	GA	Valdosta, RR,ID	900
	2013	WLEQ	95.9	FL	Bonita Sprs.,ID	1140
	2018	WDNJ	94.5	FL	Daytona Beach	1230
	2028	WJAX	95.1	FL	Jacksonville,RR	990
	2030	WAFG	90.3	FL	Ft.Lauderdale	1230
	2035	WIVY	102.9	FL	Jacksonville,RR	990
2 Tr	0929	KWHW	93.5	OK	Altus, ID	170
	1005	KVWC	10[illegible].3	TX	Vernon, wx,ID AP mx,low watted	190
3 Es	1107	WVIA	89.9	PA	Scranton, ID	1230
	1108	WFEM	92.1	PA	Ellwood City,mx	985
	1110	WFAH	92.5	OH	Alliance,ID,mx	950
	1111	WDUQ	90.5	PA	Pittsburgh ,mx	990
	1119	WAUP	88.1	OH	Akron,mx,ID	930
	1121	WRRN	92.3	PA	Warren, PSA	1060
	1216	WKSU	89.7	OH	Kent	975
	1230	WXXI	91.5	NY	Rochester	1160
	1231	WYSU	88.5	OH	Youngstown ID	970
	1242	unID	96.9	ID	as QFM-97(WGRQ- sw)	
	1244	WEZO	101.3	NY	Rochester, ID	1160
	1310	WBLK	93.7	NY	De Pew, Soul	1110
	1314	WMTV	95.1	NY	Bristol Center "Interchange" talk show	1140
	1328	WMVO	93.7	OH	Mt.Vernon, ID	870
	1329	WOUB	91.3	OH	Athens, ID	820
	1334	WQLN	91.3	PA	Erie, ID	1020
	1400	WQTC	92.3	IN	Bloomington,C&W	630
5 Es	1224	Brief Es on 88.5, no ID.				

Es is much improved over last year when I caught only one good opening.Stillwater was very lucky about the tornado,even if it was Friday the 13th.Total now 447.

Pat Dyer, 5315 Silvertip Drive, San Antonio TX 78228 (June 8- July 8) (CST)
Equipment:Allied 426; Hallicrafters SX-62 with International Crystal SAX-1 pre-amps; Archer V-100 TV/FM antenna @ 20 ft. w/rotor.

8 Es	1213	WCMU	89.5	MI	Mt. Pleasant	1235
	1235	CKLW?	93.9	ONT	Windsor, EL	1230
	1254	CJOM	88.7	ONT	Windsor, ad	1230
	1259	WMBI	90.1	IL	Chicago, rel.	1045
9 Es	0910	WETS?	89.5	TN	Johnson City	1050
	0915	WMBW?	88.9	TN	Chattanooga,rel	865
		WUOT?	91.9	TN	Knoxville, Cl	990
		WDYN?	89.7	TN	Chattanooga, rel	865
	0920	WPLN?	90.3	TN	Nashville	820
		WSMC?	90.7	TN	Collegedale	875
	0925	WHUB?	98.3	TN	Cookeville	880
	0928	WAEW?	99.3	TN	Elizabethtown	1055
	0933	WEZK	97.5	TN	Knoxville, ID	990
	0934	WKPT	98.5	TN	Kingsport, ID	1045
		WNDA	95.1	AL	Huntsville, rel	790
	0935	WOFM?	94.9	TN	Greeneville,C&W	1020
	0943	WJJM	94.3	TN	Lewisburg, ad	800
	1110	unId Spanish-88?				
	1205	KCSN?	88.5	CA	Northridge	1210
9 Es	1211	KPCS?	89.3	CA	Pasadena	1185
	1223	KPFK?	90.7	CA	Los Angeles	1190
10 Es	1002	WSCI?	89.3	SC	Charleston	1120
13 Es	0906	WCAL?	89.3	MN	Northfield	1080
	0912	KSJN?	91.1	MN	St. Paul, Cl	1110
		KMOF	95.3	MN	St. Paul, wx	1110
	0914	KTIS?	98.5	MN	Minneapolis, rel	1100
		KSTP?	94.5	MN	St. Paul,EL	1110
	0916	KHBT	97.7	IA	Humboldt, ID	945
	0917	WWJO?	98.1	MN	St. Cloud, C&W	1140
	0918	KTCR?	97.1	MN	Minneapolis,EL	1110
	0927	KRSW	91.7	MN	Pipestone, ID	1010
Tr	0928	KLBK	94.5	TX	Lubbock,ID,EL	340
Es	0930	KBCM	95.5	IA	Sioux City, ad	910
	0931	KSEZ	97.9	IA	Sioux City, ID	910
	0935	KESD	88.3	SD	Brookings, ID	1020
	1132	KICS	93.5	NE	Hastings, ad	770
	1136	KRGA	95.7	NE	Grand Island,ID	790
	1147	WSIP	98.9	KY	Paintsville	1065

WESTERN FM DX (Pat Dyer-continued)

15-continued

1349-52 unIDs 95.5, 99.1, 89.1
1416 WIAN? 90.1 IN Indianapolis 995
WFBQ 94.7 IN Indianapolis,local ad 995
1420 WFMT 98.7 IL Chicago,area ad 1045
1421 WANG 98.5 MI Coldwater,Tri-state Radio
WBFO? 90.1 MI Detroit ,rel 1225
1423 WGRD 97.9 MI Grand Rapids, ID 1175
1428 WYON 101.3 MI Grand Rapids, ID 1175
1430 WVGR 104.1 MI Grand Rapids, ID 1175
1434 WOOD 105.7 MI Grand Rapids, ID 1175
1452 CJOM 88.7 ONT Windsor, ad 1230
1458 WHFI 94.1 MI Jackson, ID 1180
1504 WAWK 93.3 IN Kendallville, ID 1095
1510 WHNE 94.7 MI Birmingham, ID 1235
1521 WDRQ 93.1 MI Detroit, ID 1225
1524 WFMK 99.1 MI E. Lansing,ID 1195
1525 WPTH 95.1 IN Port Wayne, ad 1095
1547 WVIC 94.9 MI E.Lansing, ad 1195
2143 WERN 88.7 WI Madison, //89.3 1065
2158 WPNE 89.3 WI Green Bay, ID 1190
2200 Wisconsin net s/off,a lot of sigs. [illegible]
2235-2301 unIDs 88.7, 88.3, 89.1 ,94.3
14 Tr 2345 XHJD 98.9 NL Monterrey, NL 275
15 Es 0913 ID 88.9
0947 KOUR 95.3 IA Independence,ID 980
0950 WSPT 97.9 WI Stevens Point,ad 1150
0959 WLVE 94.9 WI Barboo,NL,ID 1085
1008 WHAD 90.7 WI Delafield(//88.7)
1008 WERN 88.7 WI Madison(//89.3) 1065
1008 WPNE 89.3 WI Green Bay 1190
1008 WHLA 90.3 WI Holmen(//90.7) 1090
1011 WZUU 95.7 WI Milwaukee, RR 1100
1017 WCOW 97.1 WI Sparta, ad 1085
1023 KSTP 94.5 MN St. Paul, ad 1110
1035 WCAL?89.3 MN Northfield 1080
1035 WAYL?93.7 MN Minneapolis, NL 1110
1035 WWOP?95.3 MN St. Paul, rel 1110
1045 KTCR?97.1 MN Minneapolis, NL 1110
1051 WAKX 98.9 MN Duluth, ad 1250
Tr 1059 KQXX 98.5 TX McAllen, ID 225
16 Tr 0902 KGNC 97.9 TX Amarillo,CBS-nx 440
0928 KMTY 99.1 NM Clovis, ad 435
0929 KTQM 99.9 NM Clovis, ad 435
1000 XHRL?98.1 NL Monterrey, NL 275
1000 XHJD?98.9 NL Monterrey, NL 275
Es 1648-1827 unIDs 88-95
Tr 2001 KYKR 93.3 TX Port Arthur,C&W 280
17 Es 1130 WFYN 92.5 FL Key West, ID,NL 1090
1143 WHRS 91.7 FL Boynton Beach,SS 1150
1335 WMCU 89.7 FL Miami,rel 1150
1343 WHOO 96.5 FL Orlando, NL 1075
1347 WVFM 94.1 FL Lakeland,ID,NL 1010
1347 WSOR 95.3 FL Fort Meyers,rel 1040
1351 WLCY 94.9 FL Tampa,RR,ID 985
1355 WDAE 100.7 FL Tampa,RR 985
1358 WLQY 98.7 FL Pt. Pierce,ID 1115
1400 WJNO 97.9 FL Palm Beach,EL 1150
1401 WXCR 97.9 FL Clearwater,ID 960
1402 WWOG 99.9 FL Boca Raton 1150
1405 WDUV 103.3 FL Bradenton 980
1411 WKES 101.5 FL St.Petersburg 985
1412 WTAI 107.1 FL Melbourne, NL 1090
1413 WRBQ 104.7 FL Tampa, RR 985
1417 WRKT 104.1 FL Cocoa Beach($104)
1420 WCKS 101.1 FL Cocoa Beach, ad 1075
1423 WBJW 105.1 FL Orlando,ID,NL 1035
1425 WRMF 98.3 FL Titusville 1070

17-continued

1430 WFUZ 93.7 FL Ocala, ID 985
1432 WDNU 94.5 FL Daytona Beach, NL,ID 1055
1432 WTYD?99.9 FL Palatka,EL 1015
1438 WFOY?97.7 FL St. Augustine, NL 1035
1440 WQYK 99.1 FL Jacksonville, bus 1015
1441 WGNE?98.5 FL Panama City, NL 780
1441 WPDQ?96.9 FL Jacksonville 1015
1441 WIAX?95.1 FL Jacksonville 1015
1442 WOMA 94.9 FL Tallahasee, ID 855
1442 WBDM?98.9 FL Tallahasee, NL 855
1537 KILA 95.5 NV Henderson,rel 1040
1537 KVEG 92.3 NV Las Vegas, ID 1050
1543 KLUC 98.5 NV Las Vegas, ad 1050
1548 KLVM 94.1 NV Henderson, ID 1040
1555 WPUB 94.3 SC Camden, ID 1100
1559 WRNS 95.1 NC Kingston, ID 1275
1601 WEQR 96.9 NC Goldsboro, ad 1260
1605 WVBS 99.9 NC Burgaw, ID 1250
1609 WBBQ 104.3 GA Augusta, ID 1010
1610 WAUG 105.7 GA Augusta, local ad 1010
1628 WRKB 99.7 NC Kannapolis, ID 1110
1630 WCOS 97.9 SC Columbia, ID 1075
1632 WGUS 102.3 GA Augusta, area ad 1010
1638 WLRQ 98.1 KY Lexington, ID 995
1655 WCSI 101.5 IN Columbus, local ad 1050
1706 WRAY 98.1 IN Princeton, wx 870
1713 WBFM 98.1 SC Seneca, local ad 970
1715 WBCH 100.1 MI Hastings, bb promo 1170
1737 WFMK 100.1 GA Forsyth, ID 895
1742 WBEU 98.7 SC Beaufort, ID 1075
1743 WPAV 98.3 GA Cordele, ID, ad 895
1745 WHHR 106.3 SC Hilton Head Island 1070
1747 WCLA 107.1 GA Claxton, ID 1000
1752 WLBC 104.1 IN Muncie, Solid-Gold 1045
1757 KSLQ 98.1 MO St. Louis,ID 790
1759 WKVI 99.3 IN Knox, ID 1055
1802 WIAI 99.1 IL Danville, nx, ID 960
1811 WTUB 105.7 AL Troy, ID(implys MUF 127)
1812 WPXI 95.1 SC Charleston, soul,ID 1120
1815 WKTC 96.9 SC Charleston, NL, ID 1120
1818 WJCL 96.5 GA Savannah , ID 1050
1829 WSGF 95.5 GA Savannah , ID 1050
1850 WTOC 94.1 GA Savannah ,C&W, ID 1050
1915 WSCI 89.3 SC Charleston 1120
1923 CBL-?94.1 ONT Toronto, cl 1435
1927 CKQS 94.7 ONT Oshawa, Expo/Mets,bb 1465
1940 CHFI?98.1 ONT Toronto 1435

18-Es

1249 KPCS?89.3 CA Pasadena 1185
1251 KCSN*88.5 CA Northridge 1210
KLON?88.1 CA Long Beach 1180
1352 KPSD?94.1 CA San Diego 1120
KPBS*89.5 CA San Diego 1120
KSDS?88.3 CA San Diego 1120
KLRO*94.9 CA San Diego 1120
KYXY*96.5 CA San Diego 1120
1357 KDIG*98.1 CA San Diego 1120
KPRI?106.5 CA San Diego 1120
1400 KJOI*98.7 CA Los Angeles 1190
KBBL 99.1 CA Riverside 1140
1402 KNOB 97.9 CA Long Beach, ID 1180
1403 KOLA?99.9?CA San Bernardino 1135
KMET?94.7 CA Los Angeles 119-
KLOS?95.5 CA Los Angeles 1190
1417 KPRA*94.3 CA Paso Robles 1345
1420 KBBY 95.1 CA Ventura, Local ad 1250

18 continued.........
1424 KDNO 98.3 CA Delano, rel 1265
1428 KTYD 99.9 CA Santa Barbara, RR 1270
1512 WMHE 92.5 OH Toledo, area promo 1190
1515 WTRE 107.3 IN Greensburg, ID 1000
1525 WMNE 94.7 MI Birmingham, ID 1235
1525 WJZZ 105.9 MI Detroit, ID, SOUL 1225
1530 WRSW 107.3 IN Warsaw, ID 1080
1530 WQRS 105.1 MI Detroit, classical 1025
1530 WKHM 106.1 MI Jackson, ID 1180
1540 WFMT 98.7 IL Chicago 1045
1543 WXFM 105.9 IL Elmwood Park, ad 1050
1544 WNFO? 98.7 MI Detroit, rel 1225
1545 WFMK 99.1 MI E. Lansing, ID 1195
1555 WQLR 106.5 MI Kalamazoo, wx, ID 1140
1557 WOOD 105.7 MI Grand Rapids, ID,EL 1175
1603 WGER 102.5 MI Bay City, ID 1260
1609 WTAS 102.3 IL Crete, area ads, ID 1025
1615 WPLB 107.3 MI Greenville,area ad 1195
1618 WLAV 96.9 MI Grand Rapids, ID 1175
1619 WJJD 104.3 IL Chicago, ID 1045
1621 WMUZ 103.5 MI Detroit, rel 1225
1624 WYON 101.3 MI Grand Rapids, ad 1175
1628 WVGR 104.1 MI Grand Rapids, ID 1175
1629 WWCK 107.9 MI Flint, ID 1240
1638 WKCQ 98.1 MI Saginaw, C&W 1250
1640 WOJO 105.1 IL Evanston, SS 1060
1706 WWRM 106.7 MI Gaylord,ID 1225
1710 WJML 98.9 MI Petoskey, ID 1320
1729 WHFB 99.9 MI Benton Harbor, ad 1110
1731 WYEN 106.7 IL Des Plaines,ad 1050
1802 WLPO 99.3 IL La Salle, Cardinal bb 975
1805 WBCH 100.1 MI Hastings, Tiger bb 1170
1818 WDUZ 98.3 WI Green Bay, ID 1190
1829 WNIL 95.3 MI Niles, ID 1095
1852 WANG? 98.5 MI Coldwater, C&W 1125
1857 WMNE 94.7 MI Birmingham 1235
1914 WBFI 99.1 MI Jackson, ID, EL 1180
1916 WVIC 94.9 MI E. Lansing, ad 1195
1924 CJOM? 88.7 ONT Windsor, RR 1230

19 Es 1708 WMMC? 88.3 WI Colfax 1130
1708 WERN? 88.7 WI Madison(//88.3)
1710 KSJN 91.1 MN St. Paul, ID 1110
1713 WCAL? 89.3 MN Northfield 1080
1720 KSJR? 90.1 MN Collegeville 1135
1758 KWOA 95.1 MN Worthington(995)

20 Es 0925 KLVN? 94.1 NV Henderson, EL 1040
0931 KILA 95.5 NV Henderson,rel 1040
0941 KBYU? 88.9 UT Provo, rel 1045
0944 KUER? 90.1 UT Salt Lake City 1080
0953 KLUC? 98.5 NV Las Vegas, RR 1050
1007 WERN 88.7 WI Madison,//90.3
1007 WHLA 90.3 WI Holmen,//90.7 1090
1007 WHAD 90.7 WI Delafield,//88.7
1012 KIMI 95.3 IA Keokuk, FSA,ID 855
1014 WAAG 94.9 IL Galesburg,ads 915
1042 KREX 92.3 CO Grand Junction 840
1055 KWHO? 93.3 UT Salt Lake City 1080
1055 KALL 94.1 UT S.L.C., el 1080
1102 KCPX- 98.7 UT S.L.C., RR 1080
1103 KSOP 104.3 UT S.L.C.,C&W 1080
1123 KMTW 96.5 ID Twin Falls, ad 1265
1128 KBAR 98.3 ID Burley, FSA 1230
1135 KRSN 98.5 NM Los Alamos (implys MUF of 132 MHz)
1150 f/out

21 Es
0822 WSFL 106.5 NC Bridgeton, area ad 1305
0832 WBT- 107.9 NC Charlotte, ID, EL 1105
0835 WFMX 105.7 NC Statesville, ID 1110
0850 WRFK 106.5 VA Richmond, Cl 1325
0851 WTVR 98.1 VA Richmond ,local ad 1325
0854 WKPT 98.5 TN Kingsport, ID 1045
0857 WSLQ 99.1 VA Roanoke, FSA 1195
0858 WBDY 106.3 VA Bluefield, ID 1125
0900 WUBE 105.1 OH Cincinnati, ID 1075
0901 WHLQ 106.9 OH Canton, ID, mx 1235
0908 WGCL 98.5 OH Cleveland, ID, RR 1250
0912 WSTR 99.3 MI Sturgis, ID 1125
0913 WHOT 106.5 WV Clarksburg, ID, wx 1235
0917 WEMM? 107.9 WV Huntington, rel 1100
0919 WTRE 107.3 IN Greensburg, ID, wx 1000
0923 WLBC 104.1 IN Muncie, mx 1045
0941 WLAR 106.3 MI Lansing ,promo, ID 1035
0944 WXFM 105.9 IL Elmwood Park, German 1050
0945 WPLB 107.3 MI Greenville, ID, promo 1195
0948 WYEN 106.7 IL Des Plaines, ID 1050
0949 WOOD 105.7 MI Grand Rapids, ID, EL 1175
0952 WJJD 104.3 IL Chicago, ID 1045
0953 WFYR 103.5 IL Chicago, ID, wx 1045
1002 WZRO 104.9 IL Pekin, ID 915
1006 WXRD 105.5 IL Woodstock, ID 1050
1011 WTMB 98.9 WI Tomah, ID 1100
1013 KRVR 106.5 IA Davenport,$106, ID 945
1016 KBUR 107.3 IA Burlington,local ad 880
1021 WSPT 97.9 WI Stevens Point, ID 1150
1025 WNNO 107.1 WI Wisconsin Dells, ad 1090
1028 WEVR 106.3 WI River Falls, ad 1110
1032 KWKI? 103.9 IA Waukon 1025
1233 KESD 88.3 SD Brookings, ID 1020
1233 KWYR? 93.7 SD Winner 960
1240 KYTN? 94.7 ND Grand Forks 1240
1245 KSJM? 93.3 ND Jamestown 1200
(many tentatives)
1248 KSID 95.3 NE Sidney, local ad 845
1250 KKLS 93.9 SD Rapid City, ID, RR 1040
1259 KDKR 94.5 ND Bismark, ID 1200
1301 KVSR 97.9 SD Rapid City, rel 1040
1313 KNEB? 94.1 NE Scottsbluff 900
1447-1515 unIDs 88.7, 94.1, 89.1, 94.7
1832-1856 unIDs 89.5, 88.9, 88.3

22 Es
0705 MUF thru 106's
0712 KNWC 96.5 SD Sioux Falls, FSA's 975
0715 KVDB 94.3 IA Sioux Center, promo 945
0715 KWOA 95.1 MN Worthington, promo 995
0719 KESD? 88.3 SD Brookings,NPR promo 1020
0730 WANG 98.5 MI Coldwater, area ad 1125
0752 KTIS 98.5 MN Minneapolis, ID 1110
0754 KSTP 94.5 MN St. Paul, KS-95 1110
0754 KNOF? 95.3 MN St. Paul, rel 1110
0759 KRVR 106.5 IA Davenport,K-River 945
0800 WMAD 106.3 WI Middleton, ad 1065
0800 WAPL 105.7 WI Appleton, C&W, ID 1165
0801 WYNQ 106.5 TN Chattanooga, FM-106 865
0802 KDUZ 107.1 MN Hutchinson, mx, ID 1090
0804 WPLB 107.3 MI Greenville, ID 1195
0808 WSLQ 99.1 VA Roanoke, local ad 1195
0809 WFMT 98.7 IL Chicago, local ad 1045
0817 WQUT 101.5 TN Johnson City, ID 1050
0818 WTQR 104.1 NC Winston-Salem 1150
0820 WAKG 103.3 VA Danville, ID 1205

22-continued

0825 KMHM 98.7 MN Moorhead, ID 1205
0829 WRPY 107.1 IL Olano, s/on 1010
0830 WKPT 98.5 TN Kingsport, local ad 1045
0843 WPAY 104.1 OH Portsmouth, 1095
0844 WNUW 99.1 WI Milwaukee, ID 1100
0845 KYSM 103.5 MN Mankato, C&W, ID 1045
0858 WVEZ 106.9 KY Louisville, ID 945
0900 WLLS 106.3 KY Hartford, 865
0913 WDLB 106.5 WI Marshfield, local ad 1145
0920 WWJO 98.1 MN St. Cloud, ID, PSA 1140
0930 KXEL 105.7 IA Waterloo, ID 960
0943 KLDA 99.9 MN Moorhead, ID 1205
0943 KAUS 99.9 MN Austin, ID, $100 1075
0957 WSPT 97.9 WI Stevens Point, ID 1150
0957 KLGR 97.7 MN Redwood Falls, ID 1060
1000 KOOR 99.9 NE Omaha, local ad (ex-KFAB)
1002 KQKQ 98.5 IA Council Bluffs (ex-KRCB)
1009 KIWA 105.5 IA Sheldon, ID 960
1010 KTFC? 103.3 IA Sioux City, rel 910
1010 KHUB 105.5 NE Fremont, wx 840
1010 KHAT 106.3 NE Lincoln, ID 790
1015 KLIN? 107.3 NE Lincoln, EL 790
1017 KKWS 105.9 MN Wadena, PSA 1190
1038 WIMB? 97.1 IL Chicago, el 1045
1043 KIOV 104.7 SD Sioux Falls, area ad 975
1053 WWWK 97.9 MI Detroit, rock? 1225
1058 WKBN 98.9 OH Youngstown, ID 1275
1100 KMHL 100.1 MN Marshall, area ads 1045
1105 WAUX 106.1 WI Waukesha, ID 1100
1110 WTKM 104.9 WI Hartford, area ads 1100
1118 WFRL 98.5 IL Freeport, ID 1000
1138 WMRI 106.9 IN Marion, local ad 1180
1150 WKHM 106.1 MI Jackson, ID 1180
1202 W--- 104.9 MI Caro, Local ad 1275
1203 WUGN 99.7 MI Midland, area MX 1255
1213 WQLR 106.5 MI Kalamazoo, ID 1140
1214 WANG 98.5 MI Coldwater, Tiger bb 1125
1218 WHFB 99.9 MI Benton Harbor, $100 1110
1219 CBW? 98.3 MB Winnipeg, el 1410
1220 WBRX 94.7 MI Birmingham, ID 1225
1223 WJR 96.3 MI Detroit, ID 1225
1243 WFMK 99.1 MI E. Lansing, area ad 1190
1246 WQCL 98.5 OH Cleveland, ID 1250
1248 WHHC 104.9 IN Hartford City, ad 1055
1259 WIUC 98.3 IN Winchester, Reds bb 1060
1300 WFML 106.5 IN Washington, local ad 910
1300 WWWW 106.7 MI Detroit, ID 1225
1300 WJZZ? 105.9 MI Detroit, Jazz 1225
1314 WLKI 100.1 IN Angola, ID 1125
1327 KWIN 98.7 MN Moorhead 1205
1357 WMBI 90.1 IL Chicago, ID, rel 1045
1403 WDOR 93.9 WI Sturgeon Bay, Brewer bb
1500 KKZZ 94.3 MN Aitkin, ID 1210
1520 f/out
23 Es 1043 KETR 88.9 TX Commerce, ID 1075
24 Es 1040 KCSN? 88.5 CA Northridge, MX 1210
1040 KNOB 97.9 CA Long Beach, ad 1180
1040 KSDS? 88.3 CA San Diego 1120
1130 KLRO 94.9 CA San Diego 1120
26 Es 1328 KBYU 88.9 UT Provo, ID 1045
1354 KESD 88.3 SD Brookings, ID 1020
1405 KELO 92.5 SD Sioux Falls, ad 975
1421 KLYD 94.1 CA Bakersfield, ad 1250
1427 KIFM? 96.5 CA Bakersfield 1250
1435 KGFM? 101.5 CA Bakersfield, MoR 1250
1438 KSBY 93.3 CA San Luis Obispo 1330

26-continued

1456 KCSN 88.5 CA Northridge, ID 1210
1458 KPAC 92.3 CA Los Angeles, ID 1190
1458 KBBL 99.1 CA Riverside, rel 1140
1458 KTYD 99.9 CA Santa Barbara, PSA 1270
1200 KVEG? 92.3 NV Las Vegas 1050
1207 f/out
28 Es 1044-1048 unIDs 88.3, 88.5, 90.1, 90.5
1120 WIAA? 88.3 MI Interlochen 1255
1130 CJOM 88.7 ONT Windsor, ad 1230
1140 f/out
30 Es 0720 WMOD 98.7 DC Washington, ID 1385
0725 WKRA 105.9 VA Woodbridge, ads 1365
0725 WOHK 105.1 OH Cincinnati 1075
0758 WDNL 107.1 IN Danville, ID 990
0801 WKHM 106.1 MI Jackson 1180
0801 WQRS 105.1 MI Detroit, cl, ID 1225
0810 WIAA 88.3 MI Interlochen 1255
0844 WMBI 90.1 IL Chicago 1045
0857 WPNE 89.3 WI Green Bay (//88.7)
0857 WERN 88.7 WI Madison (//89.3) 1065
0900 WTTN 94.1 WI Watertown, ID 1070
0925 WVUB 91.1 IN Vincennes, wx 890
1038 WUTC 88.9 TN Chattanooga, rel 865
1232 WSGF 95.5 GA Savannah. ID 1050
1241 WPXI 95.1 SC Charleston, Soul
1529 WRNS 95.1 NC Kinston, ID 1275
1532 WVOT 106.1 NC Wilson, ID, wx 1265
1540 WSPL 106.5 NC Bridgeton, ID 1305
1542 WKLC 105.1 WV St. Albans, ID 1135
1545 WRT- 107.9 NC Charlotte, EL 1105
1547 WFMX 105.7 NC Statesville, ID 1110
1548 WTQR 104.1 NC Winston-Salem 1150
1559 WDBS 107.1 NC Durham, ID 1215
1600 WMIT 106.9 NC Black Mtn. 1030
1601 WTRE 107.3 IN Greensburg, ad 1000
1602 WEEA 107.3 OH Elyria, mx 1230
1608 WDAO 107.7 OH Dayton, ID 1075
1610 WLCB 106.3 KY Hodgenville, ID 920
1612 WVNO 106.1 OH Mansfield, ad 1180
1617 WJZZ 105.9 MI Detroit, ID 1225
1617 WAKG 103.3 VA Danville 1205
1625 WAMO 105.9 PA Pittsburgh, ad 1280
1625 WROT 106.5 WV Clarksburg, mx 1235
1628 WKEE 107.9 WV Huntington, rel 1100
1637 WKPT 98.5 TN Kingsport, ID 1045
1642 WQUT 101.5 TN Johnson City 1050
1642 WLBC 104.1 IN Muncie, "old rock"
1643 WHEZ 103.3 WV Huntington, ID 1100
1652 WKEE 100.5 WV Huntington, ID 1100
1653 WAKQ 101.1 KY Russelville 840
1654 WKYW 104.9 KY Frankfort, ad 980
1659 WOOD 105.7 MI Grand Rapids, EL 1175
1702 WDRQ 103.5 MI Detroit, ID 1225
1705 WWWW 106.7 MI Detroit 1225
1710 MUF well into VHF's
1715 MUF to Ch. 7 so FM gets left in dust.
1812 WWCK 107.9 MI Flint, ID 1240
1822 WSRW 106.7 OH Hillsboro 1115
1816 WDMT 107.9 OH Cleveland 1250
1839 WMRI 106.9 IN Marion, ID 1050
1843 WROT 106.5 WV Clarksburg 1235
1945 WKBN 106.5 OH Cleveland, GO 1250
2015 KKWS 105.9 MN Wadena, wx 1190
2020 WWJO 98.1 MN St. Cloud, C&W 1140
2025 WQPM 106.3 MN Princeton, ID 1150
2050 WEVR 106.3 WI River Falls 1110

1 Es 0840 unID 90.1
1933 KALL 94.1 UT Salt Lake City 1080
2 Es 1028 WLCY 94.9 FL Tampa, ID, RR 985
1029 WVFM 94.1 FL Lakeland,ID,EL 1010
1407 WMEI 90.1 IL Chicago,call in 1045
1409 WDAI 94.7 IL Chicago, ads 1045
1409 WAJP 93.5 IL Joliet, ad 1015
1414 WJOS 98.5 MI Houghton Lake 1270
1422 WOJO 105.1 IL Evanston, SS 1060
1430 WYNN 106.7 IL Des Plaines, ID 1050
1447 WTSN 94.1 WI Watertown, ID 1090
1450 WDOR 95.9 WI Sturgeon Bay, ad1225
1456 WLKE 99.3 WI Wampan, ID 1115
1501 WBEV 92.5 WI West Bend, ID 1115
1503 WXIO 98.3 MI Manistee, ad 1330
1505 WBSA 89.9 WI Brule 1235
3 Es 1208 WCMU 89.5 MI Mt. Pleasant 1235
1212 WLAV 96.9 MI Grand Rapids, ID1175
1228 WZUU 95.7 WI Milwaukee, RR 1400
1234 WJBL 98.9 MI Petoskey, ad 1320
1243 WAAM 94.9 IL Galesburg,Cubs bb
2 Es 1246 WJVM 94.3 IL Sterling, ad 980
1255 WTSN 94.1 WI Watertown, ad 1090
1257 WPNE 89.3 WI Green Bay 1190
1259 WBEV 92.5 WI West Bend, ID 1115
1300 WLPM 91.1 WI Appleton, mx 1165
1334 WCWC 95.9 WI Ripon, ad 1125
1343 KOEL 92.3 IA Oelwein, C&W 985
1350 WIAL 94.1 WI Eau Claire, EL 1125
1410 WMLA 93.3 WI La Crosse, ad 1070
1412 WTNB 98.9 WI Tomah,ad 1100
1413 WCOW 97.1 WI Sparta, ad 1085
1454-1503 unIDs 88-93
1835-1900 unIDs 88-95
1858 WPNE 89.3 WI Green Bay 1190
1858 WERN 88.7 WI Madison 1095
1902 WIAA? 88.3 MI Interlochen 1255
2024-2048 unIDs vy spotty
5 Es 2133 CJOMT 88.7 ONT Windsor, RR 1230
8 Tr 0050 KSMB 94.5 LA Lafayette, RR 995
0127 KMBR 96.1 TX Harlingen, EL 235

As far as the number of loggings go, June 22 was the best day of the year - and perhaps the best since June 5, 1973!June 22 MUF was over 106 MHz for some 6 hours. June 30 might have provided more loggings if not for the 2 hours I spent looking for VOR's and higher MUF's.After seeing it reach Ch 7 the 88-108 MHz band will never seem quite the same again.The June 30 MUF went from just Ch 2 to over 108 MHz in less than 20 minutes, having reached 88 MHz in less than 10 minutes. 73, Pat WA5IYX

Steven C. Wieeblood, 707 Lone Way, Santa Maria CA 93454 (10 June-14 July) (PDT)
Pioneer SN-Q300B, Stereophonic-Symphonic receivers.PN-40 @ apx. 15 ft.

13 Tr 1043 KFMB 89.5 CA San Diego, $EL 230
1045 KLRO 94.9 CA San Diego, rel 230
1950 San Diego in again
14 Tr 0913 KNX 102.9 CA Berkely, Jazz 230
1024 KDFC 102.1 CA San Francisco,Cl 228
1027 KMPX 106.9 CA San Francisco 228
1047 KBFX 103.7 CA San Francisco, Soul
1128 KEAR 97.3 CA San Francisco, rel
1130 KABL 98.1 CA San Francisco, ads
1532 XEHI 90.3 BC Tijuana, SS/Latin mx
16 Tr 1238 KOME 98.5 CA San Jose, mx 175
17 Es 0847 KJRG 92.3 KS Newton, $EL 1285
0855 KICT 95.1 KS Wichita, $C&W 1284
0855 KFDI 101.3 KS Wichita, C&W 1284
Pony Express News
0900 KNEW 89.1 KS Wichita, ID, Rite
18 Es 1301 KOPM 92.3 TX Midland, $MoR 1066
1304 KPJH 94.3 TX Port Stockton 1050
Del King show, automated MoR.
1310 KIXY 94.7 TX San Angelo, RR 1168
1310 KNLW 93.9 TX San Angelo, ID 1168
1317 KITY 92.9 TX San Antonio, $MoR
1318 KBEZ 97.3 TX San Antonio,Rite
1319 KQXT 101.9 TX San Antonio,EL 1329
1321 KBUC 107.5 TX San Antonio, C&W
1322 KEEL 104.5 TX San Antonio, RR
1328 KNAF 101.1 TX Fredericksburg, EL
1332 KGAF 94.5 TX Gainesville, ID
1337 KNIT 105.1 TX Abilene, $MoR 1189
1348 KDJW 94.1 TX Amarillo, C&W 1047
1355 KFMB 101.9 OK Oklahoma City, EL
1401 KKNG 92.5 OK Oklahoma City, EL
1404 KOPM 104.1 OK Oklahoma City 1281
1405 KBRB 104.3 TX Borger, C&W
1409 KOSU 91.7 OK Stillwater 1305
20 Es 0804 KXEC 94.7 OK Oklahoma City 1281
0806 KKNG 92.5 OK Oklahoma City, $EL
0809 KOPM 104.1 OK Oklahoma City, RR
0809 KC3C 90.1 OK Edmond, $EL 1279
0809 KFMB 101.9 OK Oklahoma City, $EL
0810 KBRB 104.3 TX Borger, mono,C&W
0812 KOOY 104.9 OK Bethany, mono 1279
0817 KOSU 91.7 OK Stillwater 1305
0819 KAEC 92.9 OK Tulsa,Solid Gold
0822 KMOD 106.9 OK Clinton, $C&W 1195
0932 KANW 89.1 NM Albuquerque,RR 780
0932 KUNM 90.1 NM Albuquerque,$RR
0932 KRST 92.3 NM Albuquerque,$RR
0940 KDEF 94.1 NM Albuquerque 780
0947 KGLP 93.7 NM Gallup, $C&W 666
0949 KAFE 97.3 NM Santa Fe, MoR 820
1118 KVRH 92.1 CO Salida, mx 834
1450 KSEL 93.7 TX Lubbock, RR 1057
1450 KLBK 94.5 TX Lubbock, $EL 1057
1450 KLLL 96.3 TX Lubbock, C&W 1057
1510 KPCR 94.1 NM Hobbs City(ID)990
1512 KNVF 92.9 NM Artesia, EL 923
1522 KMPM 92.3 TX Midland, ads 1066
1543 KRAD 92.1 NM Carlsbad, C&W 949
21 Es 0855 KSET 94.7 TX El Paso, $EL 829
0856 KTEP 88.5 TX El Paso,opera 829
0902 KPJH 94.3 TX Port Stockton 1050
0904 KPZB 96.3 TX El Paso, EL 829
0905 KLOZ 102.1 TX El Paso, MoR 829
0910 KRWG 90.7 NM Las Cruces,$SS 805
0920 KMPM 92.3 TX Midland, $MoR 1066
1045 KHID 92.9 TX Wichita Falls 1241
1053 KPLA 97.3 TX Plainview,mono, SS
1057 KTHZ 101.1 TX Lubbock, $EL,mx
1100 KSEL 93.7 TX Lubbock,RR, 1057
Standing alone on the plains of Texas
1100 KLBK 94.5 TX Lubbock, $EL 1057

21 Es 1103 KILL TX Lubbock, C&W 1057
1106 KRST 92.3 NM Albuquerque, $RR
1107 KUNM 90.1 NM Albuquerque, Jazz
1140 KWOO 99.5 TX Lubbock, MoR 1057
1154 KBAD 92.1 NM Carlsbad 949
1538 KJHO 92.3 KS Newton, $EL 1285
1543 KEPC 90.5 CO Colorado Sprs. 905
1543 KXCV 90.5 MO Maryville, ID 1425
1546 KVRH 92.1 CO Salida, wx,ads 834
22 Es 0842 KNFM 92.3 TX Midland, $MoR 1066
0856 KBAD 92.1 NM Carlsbad,C&W 980
26 Es 1321 KNFM 92.3 TX Midland, $MoR 1066
1324 KIXY 94.7 TX San Angelo,Hits 1168
1326 KWLN 93.9 TX San Angelo,MoR 1168
1327 KLBJ 93.7 TX Austin, RR 1340
1329 KOCV 91.3 TX Odessa, RR 1052
1330 KEEZ 97.3 TX San Antonio, Hits
1333 KASE 100.7 TX Austin, "Case" 1340
1337 KQXT 101.9 TX San Antonio, MoR
1343 KITY 92.9 TX San Antonio, MoR
Kitty Radio
1344 KSAQ 100.3 TX San Antonio,$,Hits
Super Q Plays Favorites
1345 KLSS 99.5 TX San Antonio, RR 1329
1345 KNAF 101.1 TX Fredericksburg
The Beautiful Sound of the Hill Country.
1347 KXXL 104.5 TX San Antonio 1329
1348 KHUC 107.5 TX San Antonio 1329
1353 KSYM 90.3 TX San Antonio,ID 1329
American Contemporary Radio News
1358 KOXE 101.5 TX Brownwood,C&W 1245
1402 KPJH 94.3 TX Fort Stockton 1050
1407 XHPL 98.5 Ciudad Acuna,SS 1218
1413 KTSN 99.9 TX El Paso,wx(97°) 829
1417 XHTO 104.3 CH Ciudad Juarez 826
1421 KTEP 88.5 TX El Paso, Cl 829
1422 KSET 94.7 TX El Paso, $EL 829
1459 KDLK 94.3 TX Del Rio, wx 1218
28 Es 1420 KHQ 98.1 WA Spokane,Solid Gold
30 tr 0900 KEAR 97.3 CA San Francisco 228
1 tr 0805 KPRI 106.5 CA San Diego, RR 230
0838 KITT 105.3 CA San Diego, mono 230
Es 2028 KIT 94.5 WA Yakima, EL Tent
2 tr 1730 KOZN 103.7 CA San Diego,C&W 230
4 tr 1747 KEBR 100.5 CA Sacramento, rel 255
7 tr 0933 San Diego-Tijuana ducting 230-245
11 Es
0900 KAPM? 92.5 TX Dallas, RR 1349
0910 KAMC? 94.9 TX Arlington, RR 1339
0919 KDAF 94.5 TX Gainesville,mono,MoR 1319
0921 KNTU 88.5 TX Denton, RR, ID 1325
0923 KBUY 93.9 TX Fort Worth, SS 1329
0924 KMXI 97.1 TX Fort Worth, ID, MoR 1329
0926 KLLL 96.3 TX Lubbock,K-triple-L 1057
0927 KMGO? 99.5 TX Lubbock, EL 1057
0932 KLNT 106.1 TX Denton,"Solid Gold",RR
0935 KDSX 101.7 TX Denison-Sherman, EL 1355
0937 KLUR 99.9 TX Wichita Falls, talk 1241
0940 KBID 92.9 TX Wichita Falls, MoR 1241
0950 KIAW 101.5 OK Lawton, K-law, RR 1239
0952 KRLG 98.1 OK Lawton, area ads 1239
0958 KPNB 101.9 OK Oklahoma City, ads 1281
0958 KXXX 105.5 OK Chickasha, MoR, ads 1260
(pronounced Chick-a-shay)
1002 KOFM 104.1 OK Oklahoma City, RR 1281
1003 KNOE 106.9 OK Clinton, mono(LOUD!), nx
1003 KHBB 104.3 TX Borger, mono, nx 1067
1007 KEHC 94.7 OK Oklahoma City, nx 1281
1015 KCSC 90.1 OK Edmond, nx 1279
1016 KOSU 91.7 OK Stillwater, French nx
1017 KBLJ 92.1 CO La Junta, C&W, $ 948
1022 KAVI 95.9 CO Rocky Ford, mono, MoR 939
1028 KCRC 96.9 OK Enid, $, ads 1275
1030 KEMP 98.3 TX Spearman, mono, nx 1075
1034 KFLA 94.5 KS Scott City 1106
1034 KJCK 94.5 KS Junction City, ad 1313
1045 KLIR 100.3 CO Denver, EL, "FM-100" 910
1052 KIUP 100.5 CO Durango, EL, ad 716
1056 KRLN 103.9 CO Canon City, MoR/RR 869
1059 KSKU 102.1 KS Hutchinson,Solid Gold, ID
1100 KWYD 105.5 CO Security, gospel, ID 910
1101 KLOQ 106.1 KS Lyons, xltr IDs 1231
1104 KKYT 101.9 CO Colorado Springs, nx 905
1106 KXXI 100.3 KS Colby, $nx 1098
1109 KUNC 91.5 CO Greely, wx(77°) 931
1120 KERA 90.1 TX Dallas 1349
1131 KYOT 96.7 CO Sterling, ID 1011
1156 KAWY 94.5 WY Casper, PSA 935
1217 KVRH 92.1 CO Salida,nx from Snow White

Es has been excellent throughout June, and made a comeback on July 11th, when there was Es for over 4 hours on FM. The deadline for this column is the 10th of the month and I will use the same format as Roger did. I would like to thank Danny Buntin for sending me the newspaper of the tornado in his city. Here are a few of the abreviations used here:

RR=Rock music/Progressive and/or Hit music
EL=Easy Listening
Cl=Classical
ID=Identification
mu=Music
new stations: Underline the call letters
stations by a new mode of propagation:
a dashed line will appear under the call.
C&W=Country/Modern Country/Country-Western
wx=weather report
nx=news report
$=Stereo
tent=tentative
(tentative stations may also have a question mark after the call letters)

73's, Steve

VHF UTILITY DX

Pat Dyer
5315 Silvertip Drive
San Antonio, TX 78228
Deadline: 12th of month

Hank Holbrook, 7211 Chestnut Drive, Chevy Chase, MD 20015 QSLed, GMT

10-20:	1558, N16005	119.7	ov Ches.Br.,MD(Hop Flight, Inc.; Cessna 150; single-engine, 2-seat)
5-3:	1650, N56155	119.7	ov Kent Is.,MD(Roger W. Grundstorm; Piper PA32-260 Cherokee,1-eng,6-seat; 2500 feet)
24:	1750, N555DH	119.7/ 122.8	nr Easton, MD (Dallas D. Hollar; Piper PA6-260; 1-engine, 6-seat)
6-8:	1648, KAA 471	39.46	Topeka, KS (State Highway Comm.; 100 w)
	2052, N66044	119.7	ov Ches.Br.,MD(Hinson Airways, Inc.; Cessna 150M)
14:	2022, N3565Z	122.8	vic Annapolis,MD(Hardman Clinic; Piper Tri-Pacer; 1-engine, 4-seat)
15:	----, N3262R	119.7	28 mi s.e. Baltimore,MD(C.J.Hodder Lumber Co.,Inc.;Cessna 411A,1-eng,8-seat;25 watts)

Michael Hogan, 4811 Euclid Avenue, East Chicago, IN 46312 has found the 162 MHz NOAA weather station signals to be very useful in determining the overall tropo DX conditions on hi-band VHF. The Chicago station (reported to be planning a power increase) is very audible to 25 miles. He would like to hear from others who have conducted similar observations with the NOAA signals.

Now, my loggings. Hallicrafters SX-62 with 30' long wire at 12' (nw-se run); * Allied 426 with Archer V-100 at 20 feet; all are Es, GMT used, new underlined

6-23:	1455, KQD 313	35.50	Dayton, OH (tone pager)
	1510, KIE 953	35.58	Atlanta, GA (tone pager)
27:	1610, KDN 402	35.54	Omaha, NE (tone pager)
7-1:	0103, "PNT" *	109.6	Pontiac, IL (VOR)(MUF earlier thru Ch 7 but nothing obvious on hi-band VHF Utility even though 162.4 and 162.55 checked)
3:	0510, KQC 884	35.--	Detroit, MI (tone pager)
5:	0406, KME 438	35.22	Orange, CA (tone pager)
12:	0410, KPJ 891	35.58	Columbus, OH (tone pager)

lack of many loggings again due to many days of TV & FM MUF's

---

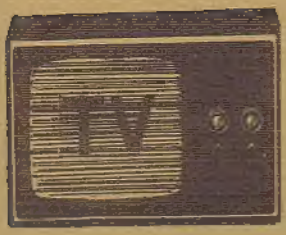
Ottawa 10.7-cm solar fluxes and Fredericksburg (VA) A-indices for June

1:	69	17	8:	66	5	15:	66	9	22:	68	6	29:	77	16
2:	71	23	9:	66	6	16:	69	15	23:	71	4	30:	76	21
3:	69	13	10:	67	6	17:	68	8	24:	74	2			
4:	68	14	11:	66	14	18:	68	10	25:	76	3	avg:	69.7	
5:	67	9	12:	66	21	19:	69	9	26:	77	6			
6:	66	13	13:	66	16	20:	70	6	27:	79	5	lowest month yet for		
7:	66	7	14:	66	11	21:	67	9	28:	78	3	Cycle 20 decline		

However, July 13 flux was 88, the highest since last December. So, one still can not safely say just how close to the solar low point we are. These flux data are not corrected for the variable earth-sun distance (apx 91 million miles in January and 94 million in July) so the latest spurt of activity would cause even higher fluxes at other times of the year.

The Swiss and American sun spot counts for April reached the lowest averages since the bottom of the last cycle (Oct 1964). However, the smoothed averages are running relatively high yet.

73, Pat WA5IYX



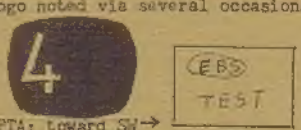
C.C.I.

Frank Aden, Jr.
448 NE Olney Ave.
Bend OR 97701
August

[UNIDENTIFIED·DX]

Deadline: 10th of the month

Richard N. Allen , Billings, OK 74630 (1975 unids)
Mon May 12 MS ch 2 0652 EDT--"New Zoo Revue" PTA: East
Sat May 24 Es ch 2 1319 EDT--"Soultrain" PTA: East
Mon May 26 Es ch 3 1538 PDT--"Dinah!" PTA: SW
ch 2 1604 PDT--"Mickey Mouse Club" PTA: SW
ch 3 1608 PDT--"Mickey Mouse Club" PTA: SW
Wed May 28 Es ch 2 1953 EDT--Movie: "Raintree Country" PTA: Ontario
ch 3 2130 EDT--"Ironside" PTA; East
Sat May 31 Es ch 3 1105 EDT--"Outdoor Sportsman" Promo for movie: "Malta Story" at 6pm, June 3 PTA: ?
Sun Jun 1 Es ch 2 0925 EDT--"Rex Humbard" PTA: East
ch 3 1012 EDT--"Rex Humbard" PTA: East
ch 2 1017 EDT--"Rex Humbard" PTA: East
ch 3 1040 EDT--"Old Time Gospel Hour" PTA: East
ch 3 2310 EDT--Local Weather Report then "CBS Weekend News" PTA: NC, VA, MD
Thu Jun 5 Es ch 3 1716 MDT--"CBS Evening News" PTA: West, KID runs it at that time
ch 3 1744 MDT--"CBS Evening News" PTA: NW, not KID but could be KID
ch 4 1800 MDT--"Waltons" PTA: NW, not KXLY
Sat Jun 8 Es ch 2 2238 EDT--"The Protectors" PTA: NE
Fri Jun 13 Es ch 2 2002 MDT--"Six Million $ Man" PTA: SK or Alta.
ch 6 2056 MDT--"Rockford File" PTA: Mountain zone logged KTVQ-2 & KRTV-3 KHQ runs it at 2100 PDT, 2200 MDT. Does anyone know if KTVM has it at this time?
Sat Jun 14 Es ch 2 2206 EDT--"Pearl Bailey Show" ? PTA: Ontario
Mon Jun 16 Es ch 3 1901 EDT--"Truth or Consequences" PTA: East
ch 3 1902 EDT--"Lucy Show" PTA: East
Tue Jun 17 MS ch 2 0640 EDT--"I Dream of Jeannie" PTA: East
Es ch 3 2044 MDT--ABC movie "Hit Lady" PTA: Mountain Time zone, not KID as they are no longer ABC.
Wed Jun 18 Es ch 5 0758 EDT--Cartoons, Then "The Flinstones" at 0800 PTA: East
Thu Jun 19 Es ch 2 1933 EDT--"Little House on the Prairie" PTA: Ontario
Wed Jun 18 Es ch 4 0746 EDT--"Today" PTA: East, id logo noted via several occasions on MS



Paul Gaines O. P. Detroit MI 48100 (1975 unids)
Mon Jun 9 Es ch 5 0938 EDT--EBS test, slide shown PTA: toward SW→
Sat Jun 28 Es ch 3 1415 EDT--Movie "Take The High Ground" with Richard Widmark & Reginal Gardines. US WW2 war movie in Pacific on an island. PTA: SSW
1512 EDT--Fishing program with man in small boat. Like "American Sportsman"
1541 EDT--WEDU in very strong
Jim Pizzi 300 Park, Orcutt CA 93454 (1975 unids)
Thu Jun 26 Es ch 2 1343 PDT--2Es, SS but not Mexican dialect, ided at 1343 as "Radio Diffusione en Colon", offset about 5kc to KMID, also difficulty with horiz. sync. Into discussion type program with young adults. Regular 525 sweep? In at that time were: KMID,KMOL-4,KENS-5,unid as (XEFE ?),XHW,KDBC,XHCH. PTA:Cuba or Carribean area, Central America or S. America There is a Colon in Cuba and Panama but nothing listed for either one.

Clarke Ingram has ided Les Prus's "world news" slide (Feb. 73 VUD) as WKYC-3. Clarke says he just got a back issue of it recently.

I have not been able to obtain a complete set of TV Guides yet and have had to rely on only those which I have picked up. I would appreciate all members to check their TVGs and see if they can find any information for the unids listed in TV-CCI.

POST OFFICE BOX 163, DEERFIELD, ILLINOIS 60015 USA

WORLDWIDE TV-FM DX ASSOCIATION

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